Honeywell Security

Honeywell Video Systems

Let's Talk Solutions

Honeywell

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Cameras and Domes

Honeywell's camera and dome product line, including IP digital and analog cameras, is one of the broadest and most complete in the industry. We have camera solutions to solve virtually every video surveillance requirement – from indoor and outdoor to fixed-mount box cameras and fully-featured PTZ domes.

THIS SECTION INCLUDES:

IP Digital Cameras

Megapixel

EQUIP™ Series

Box Cameras

Indoor/Outdoor Mini-Domes

IP PTZ Domes

Box Cameras

Bullet Cameras

Specialty Cameras

Lenses

Housings and Mounts

Infrared Illuminators

Indoor Mini-Domes

Indoor/Outdoor Mini-Domes

PTZ Domes

Cameras and Domes

Whether you're installing video surveillance in a bank lobby, parking lot, grocery store or federal prison, Honeywell has the right camera or dome solution for you. Our cameras are easy-to-install, easy-to-use and are designed to provide customized, world-class protection for any business.

Benefits:

- Wide range of high performing cameras suitable for any application
- Saves time and money through ease of installation
- Designed for high performance in all light conditions
- Features high and standard resolution, sturdy housing, and clear imaging
- Rigorous testing ensures the highest level of reliability

Cameras and Domes | IP DIGITAL CAMERAS

MEGAPIXEL SERIES

Honeywell's megapixel cameras offer the latest in digital video surveillance. These cameras offer a combination of world-class video and leading-edge IP networking technologies to provide streaming MJPEG images in VGA, HD and 1.3, 3.1, and 5 megapixel resolutions with frame rates up to 30 frames per second.

The megapixel cameras provide a network surveillance solution designed for high resolution object recognition beyond the capability of standard analog cameras. Setup is quick and easy and can be customized through a Web client or from an NVR. This provides optimum performance for both indoor and outdoor applications requiring megapixel resolutions or applications requiring 4CIF resolution over a large area using a single camera.

Megapixel Series

- MJPEG compression
- Multi-zone motion detection
- User selectable exposure window
- Web server for remote setup
- Password protection prevents unauthorized users
- 12 VDC/24 VAC or PoE 802.3af
- Analog output

HCX5DW

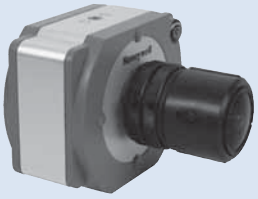
- 5 Megapixel - Up to 2560 x 1920 pixel resolution
- True Day/Night, low-light performance down to 0.3 lux color/0.05 lux B/W
- Includes 4.5 – 13 mm F1.8 lens
- Up to 30 fps at 1.3 MP, 20 fps at 2.0 MP, 12 fps at 3.1 MP, 10 fps at 5.0 MP
- Alarm I/O and e-mail alarm notification
- Full time analog video outpu
- NTSC & PAL

HCX3W

- 3.1 Megapixel - Up to 2048 x 1536 pixel resolution
- Low-light performance down to 0.3 lux
- Includes 4.0 – 10 mm F1.8 lens
- Up to 30 fps at 1.3 MP, 20 fps at 2.0 MP, 12 fps at 3.1 MP
- Alarm I/O and e-mail alarm notification
- Full time analog video output
- NTSC & PAL

HCX13MW

- 1.3 Megapixel - Up to 1280 x 1024, HD, 4CIF, 2CIF and CIF resolutions
- Low-light performance down to 0.2 lux
- Includes 4.0 – 10 mm F1.8 lens
- Up to 30 fps at D1, 20 fps at HD, 15 fps at 1.3 MP
- NTSC & PAL



Cameras and Domes | IP DIGITAL CAMERAS

EQUIP™ SERIES

Honeywell's EQUIP™ Series is a family of IP products such as cameras, encoders and other network capable surveillance devices. EQUIP Internet Protocol (IP) ready cameras are available in PTZ, mini-dome and box styles. Honeywell's EQUIP Series of IP cameras provides professional grade cameras with 4CIF MPEG-4 images at 30 frames per second. All of the fixed cameras support Power over Ethernet and 12 VDC/24 VAC. Additional functionality includes:

- Wide Dynamic Range and True Day/Night options
- 470 TVL to 540 TVL
- Analog video out
- Alarm in/out
- Camera Sabotage Detection

The EQUIP Series IP cameras are supported by a Web browser and a variety of video management systems including Honeywell's next generation video management system, a top level solution that capitalizes on an end user's existing video surveillance investment.

IP Box Camera

- 540 TVL
- 30 fps at 4CIF for real time video recording
- MPEG-4 controllable frame rate and bandwidth
- Camera Sabotage Detection
- 12 VDC/24 VAC, PoE 802.3af
- Analog output
- 2-way audio
- Alarm in/out

NTSC - HCD554IP | PAL - HCD554IPX

True Day/Night, 540 TVL

- 0.7 lux color/0.2 lux B/W

NTSC - HCS554IP | PAL - HCS554IPX

Software Day/Night, 540 TVL

- 0.7 lux color/0.5 lux B/W

Cameras and Domes | IP DIGITAL CAMERAS

IP Fixed Mini-Dome

- True Day/Night, 540 TVL
- 30 fps at 4CIF for real-time video recording
- MPEG-4 controllable frame rate and bandwidth
- Camera Sabotage Detection
- 0.6 lux color/0.4 lux B/W
- 12 VDC/24 VAC, PoE (IEE-802.3af)
- IP66 rated

NTSC - HD4DIP | PAL - HD4DIPX

True Day/Night Vandal Dome Network Camera with Digital Noise Reduction (DNR), 540 TVL

ACUIX™ IP PTZ Dome

- 18X Color, 18X, 26X, and 35X Wide Dynamic Range and True Day/Night
- 30 fps at 4CIF for real-time high resolution video recording
- MPEG-4 controllable frame rate and bandwidth
- Camera Sabotage Detection
- Image stabilization available
- Five housings available
- Two IP66 rated housings available
- Wide variety of mounting options
- 24 VAC

ACUIX™ IP In-ceiling

- 35X Wide Dynamic Range & True Day/Night with Image Stabilization, 540 TVL
- 26X Wide Dynamic Range & True Day/Night, 530 TVL
- 18X Wide Dynamic Range & True Day/Night, 530 TVL
- 18X Color, 470 TVL

CLEAR DOME/WHITE TRIM RING

NTSC - HDXGNDDCW | PAL - HDXGPDDCW

35X Wide Dynamic Range & True Day/Night with Image Stabilization, 540 TVL

NTSC - HDXFNDDCW | PAL - HDXJPDDCW

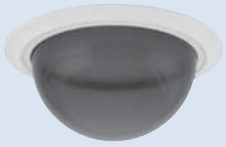
26X Wide Dynamic Range & True Day/Night, 530 TVL

NTSC - HDXJNDDCW | PAL - HDXJPDDCW

18X Wide Dynamic Range & True Day/Night, 530 TVL

Cameras and Domes | IP DIGITAL CAMERAS

NTSC - HDXANDDCW I PAL - HDXAPDDCW
18X Color, 470 TVL



SMOKE DOME/WHITE TRIM RING

NTSC - HDXGNDDSW I PAL - HDXGPDDSW
35X Wide Dynamic Range & True Day/Night with Image Stabilization, 540 TVL

NTSC - HDXFNDDSW I PAL - HDXFPDDSW
26X Wide Dynamic Range & True Day/Night, 530 TVL

NTSC - HDXJNDDSW I PAL - HDXJPDDSW
18X Wide Dynamic Range & True Day/Night, 530 TVL

NTSC - HDXANDDSW I PAL - HDXAPDDSW
18X Color, 470 TVL

CLEAR DOME/BLACK TRIM RING

NTSC - HDXGNDDCB I PAL - HDXGPDDCB
35X Wide Dynamic Range & True Day/Night with Image Stabilization, 540 TVL

NTSC - HDXFNDDCB I PAL - HDXFPDDCB
26X Wide Dynamic Range & True Day/Night, 530 TVL

NTSC - HDXJNDDCB I PAL - HDXJPDDCB
18X Wide Dynamic Range & True Day/Night, 530 TVL

NTSC - HDXANDDCB I PAL - HDXAPDDCB
18X Color, 470 TVL

SMOKE DOME/BLACK TRIM RING

NTSC - HDXGNDDSB I PAL - HDXGPDDSB
35X Wide Dynamic Range & True Day/Night with Image Stabilization, 540 TVL

Cameras and Domes | IP DIGITAL CAMERAS

NTSC - HDXFNDDSB I PAL - HDXFPDDSB
26X Wide Dynamic Range & True Day/Night, 530 TVL

NTSC - HDXJNDDSB I PAL - HDXJPDDSB
18X Wide Dynamic Range & True Day/Night, 530 TVL

NTSC - HDXANDDSB I PAL - HDXAPDDSB
18X Color, 470 TVL

ACUIX™ IP Indoor Pendant

- 35X Wide Dynamic Range & True Day/Night with Image Stabilization, t540 TVL
- 26X Wide Dynamic Range & True Day/Night, 530 TVL
- 18X Wide Dynamic Range & True Day/Night, 530 TVL
- 18X Color, 470 TVL
- White and black housings available

CLEAR DOME/WHITE TRIM RING/WHITE HOUSING

NTSC - HDXGNPDCW I PAL - HDXGPPDCW
35X Wide Dynamic Range & True Day/Night with Image Stabilization, 540 TVL

NTSC - HDXFNPDCW I PAL - HDXFPPDCW
26X Wide Dynamic Range & True Day/Night, 530 TVL

NTSC - HDXJNPDCW I PAL - HDXJPPDCW
18X Wide Dynamic Range & True Day/Night, 530 TVL

NTSC - HDXANPDCW I PAL - HDXAPPDCW
18X Color, 470 TVL

SMOKE DOME/WHITE TRIM RING/WHITE HOUSING

NTSC - HDXGNPDSW I PAL - HDXGPDSW
35X Wide Dynamic Range & True Day/Night with Image Stabilization, 540 TVL

Cameras and Domes | IP DIGITAL CAMERAS

NTSC - HDXFNPDSW I PAL - HDXFPDSW
26X Wide Dynamic Range & True Day/Night, 530 TVL

NTSC - HDXJNPDSW I PAL - HDXJPPDSW
18X Wide Dynamic Range & True Day/Night, 530 TVL

NTSC - HDXANPDSW I PAL - HDXAPPDSW
18X Color, 470 TVL

CLEAR DOME/BLACK TRIM RING/BLACK HOUSING

NTSC - HDXGNBDCB I PAL - HDXGPBDCB
35X Wide Dynamic Range & True Day/Night with Image Stabilization, 540 TVL

NTSC - HDXFNBDCB I PAL - HDXFPBDCB
26X Wide Dynamic Range & True Day/Night, 530 TVL

NTSC - HDXJNBDCB I PAL - HDXJPBDCB
18X Wide Dynamic Range & True Day/Night, 530 TVL

NTSC - HDXANBDCB I PAL - HDXAPBDCB
18X Color, 470 TVL

SMOKE DOME/BLACK TRIM RING/BLACK HOUSING

NTSC - HDXGNBDSB I PAL - HDXGPBDSB
35X Wide Dynamic Range & True Day/Night with Image Stabilization, 540 TVL

NTSC - HDXFNBDSB I PAL - HDXFPBDSB
26X Wide Dynamic Range & True Day/Night, 530 TVL

NTSC - HDXJNBDSB I PAL - HDXJPBDSB
18X Wide Dynamic Range & True Day/Night, 530 TVL

NTSC - HDXANBDSB I PAL - HDXAPBDSB
18X Color, 470 TVL

Cameras and Domes | IP DIGITAL CAMERAS

ACUIX™ IP Outdoor Pendant

- 35X Wide Dynamic Range & True Day/Night with Image Stabilization, 540 TVL
- 26X Wide Dynamic Range & True Day/Night, 530 TVL
- 18X Wide Dynamic Range & True Day/Night, 530 TVL
- 18X Color, 470 TVL
- White housing

CLEAR DOME/WHITE TRIM RING

NTSC - HDXGNWDCW | PAL - HDXGPWDCW
35X Wide Dynamic Range & True Day/Night with Image Stabilization, 540 TVL

NTSC - HDXFNWDCW | PAL - HDXFPWDCW
26X Wide Dynamic Range & True Day/Night, 530 TVL

NTSC - HDXJNWDCW | PAL - HDXJPWDCW
18X Wide Dynamic Range & True Day/Night, 530 TVL

NTSC - HDXANWDCW | PAL - HDXANWDCW
18X Color, 470 TVL

SMOKE DOME/WHITE TRIM RING

NTSC - HDXGNWDSW | PAL - HDXGPWDSW
35X Wide Dynamic Range & True Day/Night with Image Stabilization, 540 TVL

NTSC - HDXFNWDSW | PAL - HDXFPWDSW
26X Wide Dynamic Range & True Day/Night, 530 TVL

NTSC - HDXJNWDSW | PAL - HDXJPWDSW
18X Wide Dynamic Range & True Day/Night, 530 TVL

NTSC - HDXANWDSW | PAL - HDXAPWDSW
18X Color, 470 TVL

Cameras and Domes | IP DIGITAL CAMERAS

ACUIX™ IP Rugged

- 35X Wide Dynamic Range & True Day/Night with Image Stabilization, 540 TVL
- 26X Wide Dynamic Range & True Day/Night, 530 TVL
- 18X Wide Dynamic Range & True Day/Night, 530 TVL
- 18X Color, 470 TVL
- White housing

CLEAR DOME/WHITE TRIM RING

NTSC - HDXGNRDCW | PAL - HDXGPRDCW
35X Wide Dynamic Range & True Day/Night with Image Stabilization, 540 TVL

NTSC - HDXFNRDCW | PAL - HDXFPRDCW
26X Wide Dynamic Range & True Day/Night, 530 TVL

NTSC - HDXJNRDCW | PAL - HDXJPRDCW
18X Wide Dynamic Range & True Day/Night, 530 TVL

NTSC - HDXANRDCW | PAL - HDXAPRDCW
18X Color, 470 TVL

SMOKE DOME/WHITE TRIM RING

NTSC - HDXGNRDSW | PAL - HDXGPRDSW
35X Wide Dynamic Range & True Day/Night with Image Stabilization, 540 TVL

NTSC - HDXFNRDSW | PAL - HDXFPRDSW
26X Wide Dynamic Range & True Day/Night, 530 TVL

NTSC - HDXJNRDSW | PAL - HDXJPRDSW
18X Wide Dynamic Range & True Day/Night, 530 TVL

NTSC - HDXANRDSW | PAL - HDXAPRDSW
18X Color, 470 TVL

Cameras and Domes | BODY CAMERAS

BODY CAMERAS

Honeywell provides a comprehensive line of cameras that offers the flexibility and versatility required by the most demanding customer. Our body cameras come in a variety of configurations and with a multitude of options, including Ultra Wide Dynamic, True Day/Night, high resolution color, miniature form factor, and black and white. Incredibly versatile, each can be mounted in various ways with one of several lens options.

NTSC - HCU484 I PAL - HCU484X

Ultra Wide Dynamic Color Camera The HCU484 is the ideal camera for environments with high contrast and changing light conditions. Using Digital Pixel System® (DPS) Capture Technology, images are converted from analog to a digital format within each pixel immediately after the image is captured. Even in high contrast lighting conditions, the HCU484 delivers higher quality images, significantly better dynamic range (120 dB max), and higher frame rates than conventional CCD cameras.

- 1/3" Ultra Wide Dynamic DPS imager
- Greater than 480 TVL
- 0.4 lux @ F1.2 for true color representation in daytime, and black and white at night
- Dynamic range: 102 dB typical/120 dB max – 100 to 200 times greater than conventional CCD cameras
- Seven Wide Dynamic presets for easy setup and configuration of camera for a wide variety of applications
- RS485 remote control of on-screen display menus via Diamond protocol using compatible DVRs and keyboards
- Higher frame rates – 50/60 fps progressive video capture for sharp image definition in all lighting conditions
- 12 VDC/24 VAC with line lock

NTSC - HCD484L I PAL - HCD484LX

True Day/Night High Resolution Color Camera

The HCD484L is designed for high resolution 24/7 surveillance applications, including those using infrared illumination. The HCD484L adapts to varying lighting conditions to ensure the highest quality picture even in very low light. When the light level drops too low for accurate video identification in color, the camera automatically moves the IR cut filter out of the optical path and then switches to black and white video to capture more detail using the increased sensitivity of the CCD to IR light. If your application requires accurate color in the day and low light night performance in black and white, the HCD484L True Day/Night Color Camera offers outstanding image quality.

- 1/3" color CCD with DSP
- 480 TVL /470 TVL (PAL)
- Low-light performance 0.1 lux @ F1.2
- Automatic Backlight Compensation (BLC)
- Automatic Electronic Shutter (AES)
- Manual Exposure Mode for setting shutter speed
- 12 VDC/24 VAC with line lock

Body Camera Suggested Lenses: System Series (page 32)
Body Camera Suggested Housings and Mounts: (page 34)
Body Camera Suggested Power Supplies: (page 71)

Cameras and Domes | BODY CAMERAS

HCCM474M (NTSC ONLY)

Day/Night, Miniature, High Resolution Color Camera

The HCCM474M represents a breakthrough in camera design. It is easy to install, and has been engineered to produce the highest level of video quality in low lighting applications, yet remain unobtrusive in size.

- High-performance 1/3" CCD with DSP
- 470 TVL
- High sensitivity 0.4 lux color, 0.1 lux B/W @ F1.2
- On-screen display menu for adjustment
- Digital backlight compensation with six sensing zones
- Extremely small footprint, 1.6" (W) x 1.6" (H) x 2.8" (D)
- Auto electronic shutter modes from 1/60 to 1/100,000 second
- 12 VDC/24 VAC with line lock

HCC474M (NTSC ONLY)

Miniature, High Resolution Color Camera

The HCC474M is perfect for normal lighting conditions with limited space. This camera fits easily into many of the industry's fixed dome housings, including the Honeywell HD6 fixed dome – even with a 5 – 50 mm lens.

- High performance 1/3" CCD with DSP
- 470 TVL
- High sensitivity (0.4 lux @ F1.2, contrast "on")
- On-screen display menu and adjustment
- Digital backlight compensation with six sensing zones
- Extremely small footprint, 1.6" (W) x 1.6" (H) x 2.8" (D)
- Auto electronic shutter modes from 1/60 to 1/100,000 second
- 12 VDC/24 VAC with line lock

NTSC - HCC484TP | PAL - HCC484TPX

High Resolution, Fully-Featured Color Camera with Twisted-Pair Output

If your application requires higher density cabling or long transmission distances, the HCC484TP Unshielded Twisted Pair (UTP) Camera can help reduce the cost and time of installation without sacrificing image quality.

It also features exceptional low light performance.

- High-performance 1/3" CCD with DSP
- High resolution picture quality throughDSP, 480 TVL
- Ultra low light 0.1/0.001 lux with Digital Slow Shutter @ F1.2
- On-screen display menu and adjustment
- Powerful back light compensation through three modes BMB™ (Black Mask BLC) control
- Remote control through RS485
- UTP or Coax video output
- 12 VDC/24 VAC with line lock

Body Camera Suggested Lenses: System Series (page 32)
Body Camera Suggested Housings and Mounts (page 34)
Body Camera Suggested Power Supplies (page 71)

Cameras and Domes | BODY CAMERAS

NTSC - HCC484L I PAL - HCC484LX

High Resolution Color Camera

One of the most popular and widely used cameras today, the HCC484L is flexible enough for broad use yet powerful enough to handle nearly any surveillance project. The Honeywell HCC484L is designed for general cost-effective, high-resolution surveillance applications where a color image and object identification and recognition are required.

- 1/3" color CCD with DSP
- 480 TVL
- Low-light performance 0.40 lux @ F1.2
- Automatic Electronic Shutter (AES)
- Manual Exposure Mode for setting shutter speed
- Automatic Backlight Compensation (BLC)
- 12 VDC/24 VAC with line lock
- C/CS lens mount
- DC, Video and Manual Iris lens support

NTSC - HCC334L I PAL - HCC334LX

Standard Resolution Color Camera

The HCC334L color camera is ideally suited for use in day-to-day surveillance applications. Designed for value, the HCC334L saves time and money with easy installation and reliable performance. Its off-the-shelf feature set is developed for high-picture quality in standard applications and it requires little to no adjustment once installed.

- 1/3" color CCD with DSP
- 330 TVL
- Low-light performance 0.20 lux (F1.2)
- Automatic Electronic Shutter (AES)
- Manual Exposure Mode for setting shutter speed
- Automatic Backlight Compensation (BLC)
- 12 VDC/24 VAC with line lock
- C/CS lens mount
- DC, Video and Manual Iris lens support

Body Camera Suggested Lenses: System Series (page 32)
Body Camera Suggested Housings and Mounts (page 34)
Body Camera Suggested Power Supplies (page 71)

Cameras and Domes | BODY CAMERAS

NTSC - HCM574L I PAL - HCM580LX

High Resolution Black and White Camera

The HCM574L is ideal for extreme low light conditions delivering high-resolution images, in applications where color is not required.

The HCM574L is designed for cost effective high resolution surveillance applications where object identification and recognition are required in low light. For extremely dark applications the HCM574L can take advantage of external infrared illumination to further improve low light sensitivity.

- 1/3" CCD with DSP
- 570 TVL/580 TVC (PAL)
- Low-light performance 0.07 lux @ F1.2
- Automatic Backlight Compensation (BLC)
- Automatic Electronic Shutter (AES)
- 12 VDC/24 VAC with line lock, phase adjustable
- C/CS lens mount
- DC, Video and Manual Iris lens support

NTSC - HCM384L I PAL - HCM404LX

Standard Resolution Black and White Camera

The HCM384L black and white camera is ideal for surveillance applications with limited light conditions. Designed for maximum value, this camera saves you time and money with its easy installation and reliable performance. The HCM384L's off-the-shelf feature sets are developed for sharp picture quality and the cameras require little to no adjustment once installed.

- 1/3" CCD with DSP
- 380 TVL
- Low-light performance 0.05 lux (F1.2)
- Automatic Backlight Compensation (BLC)
- Automatic Electronic Shutter (AES)
- 12 VDC/24 VAC with line lock, phase adjustable
- C/CS lens mount
- DC, Video and Manual Iris lens support

Body Camera Suggested Lenses: System Series (page 32)
Body Camera Suggested Housings and Mounts (page 34)
Body Camera Suggested Power Supplies (Page 71)

Cameras and Domes | BULLET CAMERAS

BULLET CAMERAS

Honeywell's discreet and stylish high-quality bullet-style cameras are designed with aesthetics, flexibility and ease-of-installation in mind. When ambient light drops below a certain point, a mechanical IR cut filter within the camera switches and the camera changes from color to black and white enabling color pictures to be captured by day, and clear black and white images at night. Our industry leading product offering includes models with polished aluminum enclosures, sunhoods and enclosed infrared illuminators.

HCD92, HCD81 Series

Bullet-style cameras that are impact and tamper resistant. The mounting bracket makes it difficult to knock the camera out of position—adjust the camera position, then lock it down with the hexagonal bolts. The track mount installation has concealed wiring so the wires cannot be cut or the camera disconnected or tampered with. These bullet-style cameras come standard with IR illumination, making them perfect for 24/7 True Day/Night surveillance.

- High performance 1/3" CCD
- Built-in IR illuminators: 18 or 49 LEDs for covert illumination
- Available in 530, 480 and 350 TVL versions
- Wall or ceiling mounts
- Polished aluminum enclosure with protective sun hood
- Standard line lock in 24 VAC operation
- One power connection self-configures to 12 VDC or 24 VAC with transient surge protection
- Concealed wiring and IP66 rated

NTSC - HCD92534 | PAL - HCD92534X

True Day/Night, High Resolution Color Bullet Camera with 49 IR LEDs

- 530 TVL
- 2.8 – 10 mm, F1.3 Vari-focal Auto Iris lenswith external adjustments for zoom and focus (Horizontal FOV, 99° – 27°)
- Digital Noise Reduction technology for noise free images
- Onscreen Display Menu for quick setup ofcamera
- Ability to view images up to 75 - 100 ft (24m - 30m) dependent on scene reflectance

NTSC - HCD81484 | PAL - HCD81484X

True Day/Night, High Resolution Color Bullet Camera with 18 IR LEDs

- 480 TVL
- Built in 4.0 – 9.0 mm Vari-focal Auto Iris lens (Horizontal FOV, 71° – 31.6°)
- Ability to view images up to 40' (13m) dependent on scene reflectance

NTSC - HCD81354 | PAL - HCD81354X

True Day/Night, Standard Resolution Color Bullet Camera with 18 IR LEDs

- 350 TVL
- Built in 4.0 – 9.0 mm Vari-focal Auto Iris lens (Horizontal FOV, 71° – 31.6°)
- Ability to view images up to 40' (13m) dependent on scene reflectance

Cameras and Domes | BULLET CAMERAS

HCD80, HCC80 Series

Discreet, bullet-style color camera that is impact and tamper resistant.

- High performance 1/3" CCD
- Built in 4.0 – 9.0 mm Vari-focal Auto Iris lens (Horizontal FOV, 71° – 31.6°)
- Color or True Day/Night camera with IR-cut filter removal mechanism
- Polished aluminum enclosure with protective sun hood
- Flexible mounting options
- Easy to install
- Flexible mounting options
- Wall or ceiling mount
- Available in 480 and 350 TVL
- Standard line lock in 24 VAC operation
- One power connection self configures to 12 VDC or 24 VAC with transient surge protection
- Concealed wiring
- IP66 rating

NTSC - HCD80484 I PAL - HCD80484X

True Day/Night, High Resolution Color Bullet Camera with 0.2 lux @ F1.5

- 480 TVL

NTSC - HCD80354 I PAL - HCD80354X

True Day/Night, Standard Resolution Color Bullet Camera with 0.15 lux @ F1.5

- 350 TVL

NTSC - HCC80484 I PAL - HCC80484X

High Resolution, Color Bullet Camera with 0.75 lux @ F1.5

- 480 TVL

NTSC - HCC80354 I PAL - HCC80354X

Standard Resolution, Color Bullet Camera with 0.6 lux @ F1.5

- 350 TVL

Cameras and Domes | SPECIALTY CAMERAS

SPECIALTY CAMERAS

Honeywell has created several specialty camera lines for extreme applications demanding specific features not offered by standard products. Features such as extreme temperature, low light performance, vandal resistant and bullet resistant are included in this line of cameras.

V100 Series

V100 bullet resistant cameras are available in many versions to match depth of focus for width of field.

- Machined marine-grade aluminum enclosure
- 1/2" Lexan® window (withstands assault from a 9 mm handgun)
- Adjustable stainless steel U-bracket
- Compatible with quick change lenses for flexibility during and after installation
- Weather proof design
- Designed to meet IP67

NTSC - V130-16 | PAL - V130-16CP

Weather and Bullet Proof Camera, High Resolution Color Bullet Style Camera with 0.6 lux @ F1.5, 16 mm lens

- 480 TVL

NTSC - V130-12 | PAL - V130-12CP

Weather and Bullet Proof Camera, High Resolution Color Bullet Style Camera with 0.6 lux @ F1.5, 12 mm lens

- 480 TVL

NTSC - V130-06 | PAL - V130-06CP

Weather and Bullet Proof Camera, High Resolution, Color Bullet Style Camera with 0.6 lux @ F1.5, 6 mm lens

- 480 TVL

NTSC - V130-03 | PAL - V130-03CP

Weather and Bullet Proof Camera, High Resolution Color Bullet Style Camera with 0.6 lux @ F1.5, 2.9 mm lens

- 480 TVL
- Power: 10-15 VDC

Cameras and Domes | SPECIALTY CAMERAS

NTSC - V120-08 I PAL - V120-08CP
Weather and Bullet Proof Camera, Standard Resolution, Color Bullet Style Camera with 0.5 lux @ F1.5, 8 mm lens
• 350 TVL

NTSC - V120-06 I PAL - V120-06CP
Weather and Bullet Proof Camera, Standard Resolution, Color Bullet Style Camera with 0.5 lux @ F1.5, 6 mm lens
• 350 TVL

NTSC - V120-04 I PAL - V120-04CP
Weather and Bullet Proof Camera, Standard Resolution, Color Bullet Style Camera with 0.5 lux @ F1.5, 3.6 mm lens
• 350 TVL

NTSC - V110-04 I PAL - V110-04CP
Weather and Bullet Proof Camera, High Resolution, Black and White Bullet Style Camera with 0.08 lux @ F1.5, 3.6 mm lens
• 570 TVL

NTSC - V101-12 I PAL - V101-12CP
Weather and Bullet Proof Camera, Standard Resolution, Black and White Bullet Style Camera with 0.06 lux @ F1.5, 12 mm lens
• 410 TVL

NTSC - V101-04 I PAL - V101-04CP
Weather and Bullet Proof Camera, Standard Resolution,
Black and White Bullet Style Camera with 0.06 lux @ F1.5, 3.6 mm lens
• 410 TVL

NTSC - V101-03 I PAL - V101-03CP
Weather and Bullet Proof Camera, Standard Resolution, Black and White Bullet Style Camera with 0.06 lux @ F1.5, 2.9 mm lens
• 410 TVL

V110S BULLET RESISTANT CAMERAS FOR HARSH DESERT OR TROPICAL ENVIRONMENTS

V110S-CVFA-550 (PAL SPECIAL ORDER)
High Resolution, Color, 5.0–50 mm fixed lens
570 TV Lines, Operating Tempreture (-25°C - 50°C)

V110S-BVFA-550 (PAL SPECIAL ORDER)
High Resolution, Black and White, 5.0–50 mm fixed lens
570 TV Lines, Operating Tempreture (-25°C - 50°C)

Cameras and Domes | SPECIALTY CAMERAS

V60A Artic Night Series

Extreme Cold and Dark Conditions

The V60A Artic Night is designed to provide uncompromised images in the darkest and coldest environments.

- Die-cast zinc enclosure
- Fully weather sealed for indoor/outdoor use
- Operates in temperatures as low as -50°F (-46°C)
- Tamper-resistant screws for added security
- Compact and easy to install—measures only 2.5” x 2.75” x 4.5” (63 mm x 69 mm x 114 mm)
- Built-in infrared illuminators allow the camera to see up to 40 ft (12m) in complete darkness, (visibility dependent on scene reflectance)
- Lens options: 2.9, 3.6, 6.0, 8.0, 12.0 & 16.0 mm
- Power 12 VDC

NTSC - V60AB6060 I PAL - V60AB26060

Artic Night, High Resolution Black and White Camera, 6 mm Lens

- 570 TVL

NTSC - V60AB6036 I PAL - V60AB26036

Artic Night, High Resolution Black and White Camera, 3.6 mm Lens

- 570 TVL

NTSC - V60AB6029 I PAL - V60AB26029

Artic Night, High Resolution Black and White Camera, 2.9 mm Lens

- 570 TVL

NTSC - V60AB1160 I PAL - V60AB21160

Artic Night, Standard Resolution Black and White Camera, 16 mm Lens

- 410 TVL

NTSC - V60AB1080 I PAL - V60AB21080

Artic Night, Standard Resolution Black and White Camera, 8 mm Lens

- 410 TVL

NTSC - V60AB1060 I PAL - V60AB21060

Artic Night, Standard Resolution Black and White Camera, 6 mm Lens

- 410 TVL

NTSC - V60AB1036 I PAL - V60AB21036

Artic Night, Standard Resolution Black and White Camera, 3.6 mm Lens

- 410 TVL

NTSC - V60AB1029 I PAL - V60AB21029

Artic Night, Standard Resolution Black and White Camera, 2.9 mm Lens

- 410 TVL

Cameras and Domes | SPECIALTY CAMERAS

V60E Artic Hawk Series

Extreme Cold Conditions

The V60E Artic Hawk is designed to provide uncompromised images in the coldest environments.

- Die-cast zinc enclosure
- Fully weather sealed for indoor/outdoor use
- Operates in temperatures as low as -50°F (-46°C)
- Tamper-resistant screws for added security
- Compact and easy to install—measures only 2.5” x 2.75” x 4.5” (63 mm x 69 mm x 114 mm)
- High Resolution Color, Standard Resolution Color, High Resolution Black and White or Standard Resolution Black and White
- Lens options: 2.9, 3.6, 6.0, 8.0, 12.0 & 16.0 mm
- Power 12 VDC

NTSC - V60EC5080 I PAL - V60EC25080
Artic Hawk, High Resolution Color, 8 mm Lens
- 480 TVL

NTSC - V60EC5060 I PAL - V60EC25060
Artic Hawk, High Resolution Color, 6 mm Lens
- 480 TVL

NTSC - V60EC5036 I PAL - V60EC25036
Artic Hawk, High Resolution Color, 3.6 mm Lens
- 480 TVL

NTSC - V60EC5029 I PAL - V60EC25029
Artic Hawk, High Resolution Color, 2.9 mm Lens
- 480 TVL

NTSC - V60EC4080 I PAL - V60EC24080
Artic Hawk, Standard Resolution Color, 8 mm Lens
- 350 TVL

NTSC - V60EC4060 I PAL - V60EC24060
Artic Hawk, Standard Resolution Color, 6 mm Lens
- 350 TVL

NTSC - V60EC4036 I PAL - V60EC24036
Artic Hawk, Standard Resolution Color, 3.6 mm Lens
- 350 TVL

NTSC - V60EC4029 I PAL - V60EC24029
Artic Hawk, Standard Resolution Color, 2.9 mm Lens
- 350 TVL

NTSC - V60EB6060 I PAL - V60EB26060
Artic Hawk, High Resolution Black and White, 6 mm Lens
- 570 TVL

NTSC - V60EB6036 I PAL - V60EB26036
Artic Hawk, High Resolution Black and White, 3.6 mm Lens
- 570 TVL

Cameras and Domes | SPECIALTY CAMERAS

NTSC - V60EB6029 I PAL - V60EB26029
Artic Hawk, High Resolution Black and White, 2.9 mm Lens
- 570 TVL

NTSC - V60EB1060 I PAL - V60EB21060
Artic Hawk, Standard Resolution Black and White, 6 mm Lens
- 350 TVL

NTSC - V60EB1036 I PAL - V60EB21036
Artic Hawk, Standard Resolution Black and White, 3.6 mm Lens
- 350 TVL

NTSC - V60EB1029 I PAL - V60EB21029
Artic Hawk, Standard Resolution Black and White, 2.9 mm Lens
- 350 TVL

V60P Desert Hawk Series

Extreme Heat Conditions

The V60P Desert Hawk is designed to provide uncompromised images in the warmest environments.
- Die-cast zinc enclosure
- Fully weather sealed for indoor/outdoor use
- Operates in temperatures up to 140°F (60°C)
- Equipped with sunhood and polarizing filter to reduce solar glare
- Tamper-resistant screws for added security
- Compact and easy to install—measures only 2.5” x 2.75” x 4.5” (63 mm x 69 mm x 114 mm)
- High Resolution Color, Standard esolution Color, High Resolution Black and White or Standard Resolution Black and White
- Lens options: 2.9, 3.6, 6.0, 8.0, 12.0 & 16.0 mm
- Power 12 VDC

NTSC - V60PC5036 I PAL - V60PC25036
Desert Hawk, High Resolution Color, 3.6 mm Lens
- 480 TVL

NTSC - V60PC5029 I PAL - V60PC25029
Desert Hawk, High Resolution Color, 2.9 mm Lens
- 480 TVL

NTSC - V60PC4036 I PAL - V60PC24036
Desert Hawk, Standard Resolution Color, 3.6 mm Lens
- 350 TVL

NTSC - V60PC4029 I PAL - V60PC24029
Desert Hawk, Standard Resolution Color, 2.9 mm Lens
- 350 TVL

NTSC - V60PB6120 I PAL - V60PB26120
Desert Hawk, High Resolution Black and White, 12 mm Lens
- 570 TVL

NTSC - V60PB6060 I PAL - V60PB26060
Desert Hawk, High Resolution Black and White, 6 mm Lens
- 570 TVL

Cameras and Domes | SPECIALTY CAMERAS

NTSC - V60PB6036 I PAL - V60PB26036
Desert Hawk, High Resolution Black and White, 3.6 mm Lens
• 570 TVL

NTSC - V60PB1060 I PAL - V60PB21060
Desert Hawk, Standard Resolution Black and White, 6 mm Lens
• 410 TVL

NTSC - V60PB1036 I PAL - V60PB21036
Desert Hawk, Standard Resolution Black and White, 3.6 mm Lens
• 410 TVL

V60N Night Hawk Series

Dark Conditions

Zero lux imaging makes the V60N Night Hawk the right choice for installation in locations requiring night monitoring where picture quality might be compromised due to low light levels.

• Die-cast zinc enclosure
• Fully weather sealed for indoor/outdoor use
• Tamper-resistant screws for added security
• Compact and easy to install—measures only 2.5” x 2.75” x 4.5” (63 mm x 69 mm x 114 mm)
• Built-in infrared illuminators allow the camera to see up to 40 ft (12m) in complete darkness, (visibility dependent on scene reflectance)
• Lens options: 2.9, 3.6, 6.0, 8.0, 12.0 & 16.0 mm
• Power 12 VDC

NTSC - V60NB6160 I PAL - V60NB26160
Night Hawk, High Resolution Black and White Camera, 16 mm Lens
• 570 TVL

NTSC - V60NB6120 I PAL - V60NB26120
Night Hawk, High Resolution Black and White Camera, 12 mm Lens
• 570 TVL

NTSC - V60NB6080 I PAL - V60NB26080
Night Hawk, High Resolution Black and White Camera, 8 mm Lens
• 570 TVL

NTSC - V60NB6060 I PAL - V60NB26060
Night Hawk, High Resolution Black and White Camera, 6 mm Lens
• 570 TVL

NTSC - V60NB6036 I PAL - V60NB26036
Night Hawk, High Resolution Black and White Camera, 3.6 mm Lens
• 570 TVL

NTSC - V60NB6029 I PAL - V60NB26029
Night Hawk, High Resolution Black and White Camera, 2.9 mm Lens
• 570 TVL

NTSC - V60NB1160 I PAL - V60NB21160
Night Hawk, Standard Resolution Black and White Camera, 16 mm Lens
• 410 TVL

Cameras and Domes | SPECIALTY CAMERAS

NTSC - V60NB1120 I PAL - V60NB21120
Night Hawk, Standard Resolution Black and White Camera, 12 mm Lens
- 410 TVL

NTSC - V60NB1080 I PAL - V60NB21080
Night Hawk, Standard Resolution Black and White Camera, 8 mm Lens
- 410 TVL

NTSC - V60NB1060 I PAL - V60NB21060
Night Hawk, Standard Resolution Black and White Camera, 6 mm Lens
- 410 TVL

NTSC - V60NB1036 I PAL - V60NB21036
Night Hawk, Standard Resolution Black and White Camera, 3.6 mm Lens
- 410 TVL

NTSC - V60NB1029 I PAL - V60NB21029
Night Hawk, Standard Resolution Black and White Camera, 2.9 mm Lens
- 410 TVL

V60 Standard Compact Series

The V60 Standard Series is a compact tamper-resistant camera available with and without audio functionality.
- Die-cast zinc enclosure
- Fully weather sealed for indoor/outdoor use
- Tamper-resistant screws for added security
- Compact and easy to install—measures only 2.5” x 2.75” x 4.5” (63 mm x 69 mm x 114 mm)
- Available with or without microphone for capturing audio
- High Resolution Color, Standard Resolution Color, High Resolution Black and White or Standard Resolution Black and White
- Lens options: 2.9, 3.6, 6.0, 8.0, 12.0 & 16.0 mm
- Power 12 VDC

NTSC - V60MC5060 I PAL - V60MC25060
V60 Compact, High Resolution Color Camera, 6 mm Lens, Audio
- 480 TVL

NTSC - V60MC5036 I PAL - V60MC25036
V60 Compact, High Resolution Color Camera, 3.6 mm Lens, Audio
- 480 TVL

NTSC - V60MC5029 I PAL - V60MC25029
V60 Compact, High Resolution Color Camera, 2.9 mm Lens, Audio
- 480 TVL

NTSC - V60MC4060 I PAL - V60MC24060
V60 Compact, Standard Resolution Color Camera, 6 mm Lens, Audio
- 350 TVL

Cameras and Domes | SPECIALTY CAMERAS

NTSC - V60MC4036 I PAL - V60MC24036
V60 Compact, Standard Resolution Color Camera, 3.6 mm Lens, Audio
• 350 TVL

NTSC - V60MB6060 I PAL - V60MB26060
V60 Compact, High Resolution Black and White Camera, 6 mm Lens, Audio
• 570 TVL

NTSC - V60MB6036 I PAL - V60MB26036
V60 Compact, High Resolution Black and White Camera, 3.6 mm Lens, Audio
• 570 TVL

NTSC - V60MB1060 I PAL - V60MB21060
V60 Compact, Standard Resolution Black and White Camera, 6 mm Lens, Audio
• 410 TVL

NTSC - V60MB1036 I PAL - V60MB21036
V60 Compact, Standard Resolution Black and White Camera, 3.6 mm Lens, Audio
• 410 TVL

NTSC - V60BC5160 I PAL - V60BC25160
V60 Compact, High Resolution Color Camera, 16 mm Lens, No Audio
• 480 TVL

NTSC - V60BC5080 I PAL - V60BC25080
V60 Compact, High Resolution Color Camera, 8 mm Lens, No Audio
• 480 TVL

NTSC - V60BC5060 I PAL - V60BC25060
V60 Compact, High Resolution Color Camera, 6 mm Lens, No Audio
• 480 TVL

NTSC - V60BC5036 I PAL - V60BC25036
V60 Compact, High Resolution Color Camera, 3.6 mm Lens, No Audio
• 480 TVL

NTSC - V60BC5029 I PAL - V60BC25029
V60 Compact, High Resolution Color Camera, 2.9 mm Lens, No Audio
• 480 TVL

NTSC - V60BC4160 I PAL - V60BC24160
V60 Compact, Standard Resolution Color Camera, 16 mm Lens, No Audio
• 350 TVL

NTSC - V60BC4120 I PAL - V60BC24120
V60 Compact, Standard Resolution Color Camera, 12 mm Lens, No Audio
• 350 TVL

NTSC - V60BC4080 I PAL - V60BC24080
V60 Compact, Standard Resolution Color Camera, 8 mm Lens, No Audio
• 350 TVL

Cameras and Domes | SPECIALTY CAMERAS

NTSC - V60BC4060 I PAL - V60BC24060
V60 Compact, Standard Resolution Color Camera, 6 mm Lens, No Audio
• 350 TVL

NTSC - V60BC4036 I PAL - V60BC24036
V60 Compact, Standard Resolution Color Camera, 3.6 mm Lens, No Audio
• 350 TVL

NTSC - V60BC4029 I PAL - V60BC24029
V60 Compact, Standard Resolution Color Camera, 2.9 mm Lens, No Audio
• 350 TVL

NTSC - V60BB6120 I PAL - V60BB26120
V60 Compact, High Resolution Black and White Camera, 12 mm Lens, No Audio
• 570 TVL

NTSC - V60BB6080 I PAL - V60BB26080
V60 Compact, High Resolution Black and White Camera, 8 mm Lens, No Audio
• 570 TVL

NTSC - V60BB6060 I PAL - V60BB26060
V60 Compact, High Resolution Black and White Camera, 6 mm Lens, No Audio
• 570 TVL

NTSC - V60BB6036 I PAL - V60BB26036
V60 Compact, High Resolution Black and White Camera, 3.6 mm Lens, No Audio
• 570 TVL

NTSC - V60BB6029 I PAL - V60BB26029
V60 Compact, High Resolution Black and White Camera, 2.9 mm Lens, No Audio
• 570 TVL

NTSC - V60BB1120 I PAL - V60BB21120
V60 Compact, Standard Resolution Black and White Camera, 12 mm Lens, No Audio
• 410 TVL

NTSC - V60BB1080 I PAL - V60BB21080
V60 Compact, Standard Resolution Black and White Camera, 8 mm Lens, No Audio
• 410 TVL

NTSC - V60BB1060 I PAL - V60BB21060
V60 Compact, Standard Resolution Black and White Camera, 6 mm Lens, No Audio
• 410 TVL

NTSC - V60BB1036 I PAL - V60BB21036
V60 Compact, Standard Resolution Black and White Camera, 3.6 mm Lens, No Audio
• 410 TVL

NTSC - V60BB1029 I PAL - V60BB21029
V60 Compact, Standard Resolution Black and White Camera, 2.9 mm Lens, No Audio
• 410 TVL

Cameras and Domes | SPECIALTY CAMERAS

V50 WedgeView Series

Ideal for low profile ceiling and wall-mount applications, the V50 WedgeView Series offers the following features:

- Polycarbonate enclosure is impact-resistant, flame-rated and UV stabilized
- Low profile (2.6" H) easily blends in to surroundings
- Wiring can be completely concealed to reduce the risk of tampering
- Adjustable pan and tilt camera positioning
- Weather sealed enclosure and cable opening for outdoor installations
- High Resolution Color, Standard Resolution Color, High Resolution Black and White or Standard Resolution Black and White
- Dimensions 3.54W" x 2.6"H x 5.75"D
- Self-configures to either 12 VDC or 24 VAC

NTSC - V50C6160 I PAL - V50C26160

WedgeView Series, High Resolution Color Camera, 16 mm Lens, 0.6 lux @ F1.5

- 480 TVL

NTSC - V50C6120 I PAL - V50C26120

WedgeView Series, High Resolution Color Camera, 12 mm Lens, 0.6 lux @ F1.5

- 480 TVL

NTSC - V50C6080 I PAL - V50C26080

WedgeView Series, High Resolution Color Camera, 8 mm Lens, 0.6 lux @ F1.5

- 480 TVL

NTSC - V50C6060 I PAL - V50C26060

WedgeView Series, High Resolution Color Camera, 6 mm Lens, 0.6 lux @ F1.5

- 480 TVL

NTSC - V50C6036 I PAL - V50C26036

WedgeView Series, High Resolution Color Camera, 3.6 mm Lens, 0.6 lux @ F1.5

- 480 TVL

NTSC - V50C6029 I PAL - V50C26029

WedgeView Series, High Resolution Color Camera, 2.9 mm Lens, 0.6 lux @ F1.5

- 480 TVL

NTSC - V50C1060 I PAL - V50C21060

WedgeView Series, Standard Resolution Color Camera, 6 mm Lens, 0.5 lux @ F1.5

- 350 TVL

NTSC - V50C1036 I PAL - V50C21036

WedgeView Series, Standard Resolution Color Camera, 3.6 mm Lens, 0.5 lux @ F1.5

- 350 TVL

NTSC - V50C1029 I PAL - V50C21029

WedgeView Series, Standard Resolution Color Camera, 2.9 mm Lens, 0.5 lux @ F1.5

- 350 TVL

Cameras and Domes | SPECIALTY CAMERAS

NTSC - V50B6036 I PAL - V50B26036
WedgeView Series, High Resolution Black and White Camera,
3.6 mm Lens, 0.08 lux @ F1.5
• 570 TVL

NTSC - V50B6029 I PAL - V50B26029
WedgeView Series, High Resolution Black and White Camera,
2.9 mm Lens, 0.08 lux @ F1.5
• 570 TVL

NTSC - V50B1080 I PAL - V50B21080
WedgeView Series, Standard Resolution Black and White Camera,
8 mm Lens, 0.06 lux @ F1.5
• 410 TVL

NTSC - V50B1060 I PAL - V50B21060
WedgeView Series, Standard Resolution Black and White Camera,
6 mm Lens, 0.06 lux @ F1.5
• 410 TVL

NTSC - V50B1036 I PAL - V50B21036
WedgeView Series, Standard Resolution Black and White Camera,
3.6 mm Lens, 0.06 lux @ F1.5
• 410 TVL

NTSC - V50B1029 I PAL - V50B21029
WedgeView Series, Standard Resolution Black and White Camera,
2.9 mm Lens, 0.06 lux @ F1.5
• 410 TVL

NTSC - V50B6029 I PAL - V50B26029
WedgeView Series, High Resolution,
Black and White Camera with 0.08 lux @ F1.5, 2.9 mm
• 570 TVL

NTSC - V50B6060 I PAL - V50B26060
WedgeView Series, High Resolution,
Black and White Camera with 0.08 lux @ F1.5, 6 mm
• 570 TVL

NTSC - V50B6080 I PAL - V50B26080
WedgeView Series, High Resolution,
Black and White Camera with 0.08 lux @ F1.5, 8 mm
• 570 TVL

NTSC - V50B1080 I PAL - V50B21080
WedgeView Series, Standard Resolution,
Black and White Camera with 0.06 lux @ F1.5, 8 mm
• 410 TVL

NTSC - V50B1060 I PAL - V50B21060
WedgeView Series, Standard Resolution,
Black and White Camera with 0.06 lux @ F1.5, 6 mm
• 410 TVL

Cameras and Domes | SPECIALTY CAMERAS

NTSC- V50B1036 I PAL - V50B21036

WedgeView Series, Standard Resolution,
Black and White Camera with 0.06 lux @ F1.5, 3.6 mm

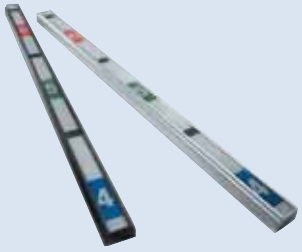
- 410 TVL

NTSC- V50B1029 I PAL - V50B21029

WedgeView Series, Standard Resolution,
Black and White Camera with 0.06 lux @ F1.5, 2.9 mm

- 410 TVL

ExitView® Series (NTSC Only)



The ExitView Series is designed to help prevent shrinkage, robberies and other retail losses by capturing clear, high quality images and measuring heights with a functional height strip. The ExitView is also discreet, with décor-matching options and is pre-focused making installations an easy process.

- High performance 1/3" CCD camera
- 350 TVL
- 3.7 mm semi-pinhole lens F2.0
- Sensitivity: 0.9 lux @ F2.0
- Field of View: 66° H X 52° V
- For an extended field of view, an optional 15º angled adapter is available
- Available in silver or black, with or without the height strip markings, to blend with your decor
- Comes pre-focused from the factory and includes a 12 VDC power supply

HSS37NS

ExitView, Silver Housing with Height Strip Window,
Imperial Measurements

HSB37NS

ExitView, Black Housing with Height Strip Window,
Imperial Measurements

HSS37NB

ExitView, Silver Housing with Black Window

HSB37NB

ExitView, Black Housing with Black Window

ACCESSORIES:

HSSAM

15º Angle Adapter, Silver

HSBAM

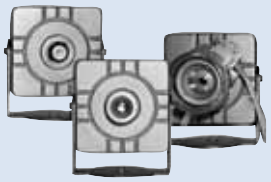
15º Angle Adapter, Black

Cameras and Domes | SPECIALTY CAMERAS

HCBWD Series (NTSC Only)

The Honeywell HCBWD Series cameras offer 1/3" CCD Digital Signal Processing and Wide Dynamic (DSP WD) technology with a compact 1.73" x 1.73" (44 mm x 44 mm) footprint. The ultra small size makes this camera an ideal choice when space is a constraint. Each HCBWD camera captures visible details in areas where both very bright and dark scenes exist.

- 1/3" Interline Double Speed CCD
- 480 TV lines of resolution
- Compact size 1.73" x 1.73" (44 mm x 44 mm)
- Excellent low-light capability
- Dynamic range is 128 times wider than conventional cameras
- Flexible offering utilizing Honeywell Quick Change Lens Series
- 12 VDC or 24 VAC (with supplied 24 VAC to 12 VDC converter)
- U-bracket for mounting (included)



HCBWDHR43

Wide Dynamic Range, Compact Color Camera, 4.3 mm Semi-pinhole Lens, 480 TVL

HCBWDHR37

Wide Dynamic Range, Compact Color Camera, 3.7 mm Semi-pinhole Lens, 480 TVL

HCBWDHR30

Wide Dynamic Range, Compact Color Camera, 3.0 mm Semi-pinhole Lens, 480 TVL

HCBWDHR00

Wide Dynamic Range, Compact Color Camera, for use with Quick Change Fixed Lenses

- Quick change fixed lenses purchased separately

HCBWDHRVF

Wide Dynamic Range, Compact Color Camera, for use with Quick Change VFAI Lenses

- Quick change VFAI lenses purchased separately

Cameras and Domes | LENSES

LENSES

Honeywell offers world-class lenses for both indoor and outdoor performance. These lenses provide customers with the ability to see high contrast, clear and detailed pictures of subjects in daylight, low light and near infrared light. Designed with sophisticated optics for superior light gathering and the ability to work seamlessly with our camera line, Honeywell's lenses provide a complete surveillance solution with unsurpassed performance.

Day/Night Vari-focal Lenses

The Day/Night DC Vari-focal Auto Iris Lenses deliver clear, sharp, color images in daylight and black and white images in darkness using near infrared illumination without the need to refocus the lens.

- Widest range Day/Night Vari-focal lens available in its class
- Extremely fast maximum aperture up to F0.95
- Designed for use under visible and IR light
- Focus and zoom tightening mechanisms are separate from ring for accurate setup and installation
- Aspherical Vari-focal lens

HLD5V50DNL

5–50 mm Auto Iris Lens

- 1/3"
- 5-50 mm
- F1.6
- Aspherical Vari-focal lens
- IR corrected optics

HLD27V13DNL

2.7-13.5 mm Auto Iris Lens

- 1/3"
- 2.7-13.5 mm
- F1.3
- Aspherical Vari-focal lens
- IR corrected optics

HLD29V8DNL

2.9-8 mm Auto Iris Lens

- 1/3"
- 2.9-8 mm
- F0.95
- Aspherical Vari-focal lens
- IR corrected optics

Cameras and Domes | LENSES

System Series Vari-focal Lenses

Honeywell's System Series lenses combine the highest quality aspherical glass optics, lightweight construction and durability to ensure the highest quality image possible.

- Installation flexibility through Vari-focal length lens allows the installer to obtain the required field of view quickly and easily
- Reduced camera set-up time by eliminating the need for lens substitution
- One lens replaces many fixed focal length lenses
- Aspherical Vari-focal lens

HLD5V50F13L

5–50 mm Auto Iris Lens

- 1/3"
- 5-50 mm
- F1.3
- DC Auto Iris lens

HLD28V8F95L

2.8-8 mm Auto Iris Lens

- 1/3"
- 2.8-8 mm
- F0.95
- DC Auto Iris lens

HLD25V6F12L

2.5-6 mm Auto Iris Lens

- 1/3"
- 2.5-6 mm
- F1.2
- DC Auto Iris lens

HLM5V50F13

5-50 mm Manual Iris Lens

- 1/3"
- 5-50 mm
- F1.3 • Manual Iris lens

HLM28V8F95

2.8-8 mm Manual Iris Lens

- 1/3"
- 2.8-8 mm
- F0.95
- Manual Iris lens

HLM25V6F12

2.5–6 mm Manual Iris Lens

- 1/3"
- 2.5-6 mm
- F1.2
- Manual Iris lens

Cameras and Domes | HOUSINGS AND MOUNTS

HOUSINGS AND MOUNTS

Honeywell's housings and mounts are the perfect accessories to complete your camera installation, and have been designed to withstand the most demanding indoor and outdoor environments. They provide affordability and space efficiency without sacrificing performance.

HHC12 Series

The new HHC12 Series line of environmental housings are stylish and functional camera enclosures designed to simplify installations. The HHC12 housing is constructed of die-cast and extruded aluminum with a two-tone gray epoxy powder coating making it attractive, durable, and corrosion resistant. IP66 weather and dust proofing make the housing suitable for all indoor
and outdoor applications.

HHC1200

HHC1200 Housing

HHC1200 protects Honeywell box cameras from the indoor and outdoor environments.

- Die-cast, aluminum construction
- Epoxy coated for corrosion resistance
- Integrated “Flex-mount” adjustable mounting track
- Dual positive locking clamps
- Indoor/outdoor use

HHC12WM

HHC1200 with Wall Mount Option

Same as HHC1200 with wall-mount (HHMW13) and sunshield included.

- 360° pan, 70° tilt
- Up to 30 lb. load
- Indoor/outdoor use

HHC12WM2

HHC1200 with Wall Mount and Heater and Blower

Same as HHC12WM with 24 VAC/20 W heater and blower included.

HHMW13

Medium Duty Wall Mount for HHC1200 Enclosure

30 lb. wall-mount for Honeywell HHC1200 enclosures
with cable feed through.

- 360° pan, 70° tilt
- Up to 30 lb. load
- Indoor/outdoor use

Cameras and Domes | HOUSINGS AND MOUNTS

HHMPMA
Pole Mount Adapter for HHC1200 with HHMW13 Wall Mount Adapter
- Up to 75 lb. load
- Indoor / outdoor use

HHMCMA
Corner Mount Adapter for HHC1200 with HHMW13 Wall Mount Adapter
- Up to 63.5 lb. load
- Indoor / outdoor use

HHMC21J
Ceiling "J" Mount for HHC1200 Enclosure
"J" shaped mount to hang camera and housing from ceiling
- 21" mount
- 360° pan, 70° tilt
- Up to 30 lb. load
- Almond color epoxy powder coat on aluminum construction
- Indoor / outdoor use

PMA7W
White Pole-Mount Adapter for HHMW13 Housing Wall Mount (or MDW1210W Wall Mount)
See page 68.

HBC5WT
Light Duty, 3-Axis Wall or Ceiling Camera Mount, 165 Deg. Tilt, White
The MC1600WT mount is ideal for mounting the Honeywell box cameras.
- High impact ABS white plastic
- 360° pan, -120°/+45° tilt
- Up to 11 lb. load

HBC5BK
Light Duty, 3-Axis Wall or Ceiling Camera Mount, 165 Deg. Tilt, Black

HD3 ACCESSORIES

HD3-MK
Pendant/wall mount kit, Off white

HD3-MKB
Pendant/wall mount kit, Black

HD4-WK
Wall mount kit, HDY Series

Cameras and Domes | INFRARED ILLUMINATORS

INFRARED ILLUMINATORS

Infrared illuminators enable you to get the most out of your black and white or True Day/Night cameras. The Infrared light reflects back into the camera, resulting in a superior night time image. With infrared illuminator, picture quality can be enhanced without adding lighting that can be inconvenient or disruptive in areas such as residential neighborhoods.

LumaView® Series

Offering flexible bulb options, the LumaView Series of IR illuminators provides unmatched performance and flexibility. The LumaView enclosures are built to IP66 to endure some of nature's harshest elements. Bulb options provide a variety of spot sizes and shapes as well as three different levels in IR light.

SWX200F51

4-bulb (200 W) Housing, Flood (60°) 715 nm, Overt, Filter

- Bulb Power: 50 W each (200W Max Total)
- Power: 12 VAC, 18 A nominal (Require Seperate Psu)
- 460' Illumination distance
- >4000 hour bulb life
- Near IR
- Power supply with built-in photocell that detects changes in ambient light level ordered separately

SWX200S51

4-bulb (200 W) Housing, Spot (10°) 715 nm, Overt, up to ~ 495'

SWX200S52

4-bulb (200 W) housing, Spot (10°) 850 nm, Semi-Covert, up to ~ 325'

SWX200S53

4-bulb (200 W) Housing, Spot (10°) 950 nm, Full Covert, up to ~ 250'

SWX200M51

4-bulb (200 W) Housing, Medium Flood (24°) 715 nm, Overt, up to ~ 275'

SWX200M52

4-bulb (200 W) Housing, Medium Flood (24°) 850 nm, Semi-Covert, up to ~ 225'

SWX200M53

4-bulb (200 W) Housing, Medium Flood (24°)
950 nm, Full-Covert, up to ~ 200'

SWX200F52

4-bulb (200 W) Housing, Flood (60°)
850 nm, Semi-Covert, up to ~ 200'

Cameras and Domes | INFRARED ILLUMINATORS

AVH500

Features

- Suitable for indoor and outdoor applications
- Extruded aluminium body
- Innovative opening system allows hands free camera/lens installation and maintenance
- Power requirement options available
- Polycarbonate window with special scratch resistant treatment
- Wide range of accessories available
- Standard or cable managed mounting options
- Compatible with all Honeywell camera and lens combinations

The Honeywell range of camera housings provide compact, weatherproof housings for internal and external applications.

Made from extruded aluminium with a polycarbonate, scratch resistant window, the AVH500 housings are durable and lightweight.

The innovative opening system allows access to the interior. The body and sunshield slide forward and remain suspended from the main unit allowing hands free access to the camera and lens when installing or servicing.

All units, excluding the dustproof only (internal version) are weatherproof to IP66 standards and there are two available mounting options of a standard wall mount bracket or the cable managed bracket.

The AVH500 range is suitable for all Honeywell cameras and many other manufacturers CCD cameras with a fixed lens. Available with a variety of options including sunshield, heater and thermostatic blower with air filter, the Honeywell housings provide a comprehensive range for any application.

Cameras and Domes | INFRARED ILLUMINATORS

Technical Specification

Housing options

AVH500B2_eur
Housing retrofit blower assembly 24VAC

AVH500B3_eur
Housing retrofit blower assembly 240VAC

AVH500CMB_eur
Wall bracket - cable management for AVH530 series

AVH500PS2-24_eur
Housing retrofit PSU for housing, 230VAC I/P, 24VAC @ 400mA o/p

AVH500PS5-12_eur
Housing retrofit PSU for housing, 100V ~ 240VAC switching, 12VDC @ 1A o/p

AVH530SH4
300mm Housing with Sunshield and Heater 12VDC

AVH530SH5
300mm Housing with Sunshield and Heater 110VAC ~240VAC

Accessories

AVH500CMB
Cable managed wall mount bracket RAL7035

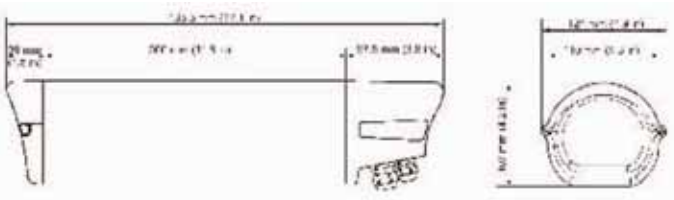
AVH500WMB
Standard wall mount bracket RAL7035

AVH500PS5-12
Retrofit PSU for housing 100V~ 240VAC switching.12VDC at 1A output

AVH500PS2-24
Retrofit PSU for housing. 230VAV input 24VAC at 100mA output

The manufacturer reserves the right to alter the specification of products without prior notice.

Housing Dimensions
Main body



Sunshield

Internal Dimensions: 90 x 60 x 300mm

Cameras and Domes | INFRARED ILLUMINATORS

SWX200F53
4-bulb (200 W) Housing, Flood (60°) 950 nm, Full-Covert, up to ~ 200'

SWX75F71
Single bulb (75 W) Housing, Flood (40 Deg.) 715 nm, Overt, Filter

- Bulb Power: 75 W
- Power: 12 VAC, 6 A nominal
- 295' illumination distance
- >4000 hour bulb life
- Near IR
- Power supply, ordered separately, has a built-in photocell that detects changes in ambient light level

SWX75S71
Single bulb (75 W) Housing, Spot (15°) 715 nm, Overt, up to ~ 195'

SWX75S72
Single bulb (75 W) Housing, Spot (15°) 850 nm, Semi-Covert, up to ~ 165'

SWX75S73
Single bulb (75 W) Housing, Spot (15°) 950 nm, Full Covert, up to ~ 135'

SWX75M71
Single bulb (75 W) Housing, Medium Flood (25°) 715 nm, Overt, up to ~ 125'

SWX75M72
Single bulb (75 W) Housing, Medium Flood (25°) 850 nm, Semi-Covert, up to ~ 100'

SWX75M73
Single bulb (75 W) Housing, Medium Flood (25°) 950 nm, Full Covert, up to ~ 85'

SWX75F71
Single bulb (75W) Housing, Flood (40°) 715 nm, Overt, up to ~ 125

SWX75F72
Single bulb (75 W) Housing, Flood (40°) 850 nm, Semi-Covert, up to ~ 100'

SWX75F73
Single bulb (75 W) Housing, Flood (40°) 950 nm, Full Covert, up to ~ 75'

Cameras and Domes | INFRARED ILLUMINATORS

LUMAVIEW® ACCESSORIES

LPS200-2
LumaView SWX200 Power Supply, Double Lamp System, 12 VAC (nominal 36 A) Dual Output Power Supply (two illuminators per unit)

LPS75-1
LumaView SWX75 Power Supply, Single Lamp System, 12 VAC (nominal 6 A)

SWXB50S
Replacement 50 W Bulb for SWX200, 10º, Spot Beam Pattern

SWXB50M
Replacement 50 W Bulb for SWX200, 24º, Medium Flood Beam Pattern

SWXB50F
Replacement 50 W Bulb for SWX200, 60º, Flood Beam Pattern

SWXB75S
Replacement 75 W Bulb for SWX75, 15º, Spot Beam Pattern

SWXB75M
Replacement 75 W Bulb for SWX75, 25º, Medium Flood Beam Pattern

SWXB75F
Replacement 75 W Bulb for SWX75, 40º, Flood Beam Pattern

SWXF715
Replacement Filter for LumaView SWX75 & SWX200, 715 nm Overt Filter

SWXF850
Replacement Filter for LumaView SWX75 & SWX200, 850 nm Semi-Covert Filter

SWXF950
Replacement Filter for LumaView SWX75 & SWX200, 950 nm Covert Filter

Cameras and Domes | INFRARED ILLUMINATORS

The Puck Series

The Puck Series is ideal for illuminating smaller areas cost effectively.
The Puck Series has 25 IR LEDs with up to 40' of illumination distance. With its impact-and scratch-resistant housing, the Puck Series fits both indoor and outdoor use and can be mounted on ceilings (360° sweep) or walls (±30° sweep). The Puck Series lens rotation adjusts the infrared beam sweep positions.

SWIR-AC
875 nm IR Illuminator, Combined Wide and Narrow Sweep, 24 VAC Input

SWIR-DC
875 nm IR Illuminator, Combined Wide and Narrow Sweep, 12 VDC Input

WIRW-AC
875 nm IR Illuminator, Wide Sweep, 24 VAC Input

SWIRW-DC
875 nm IR Illuminator, Wide Sweep, 12 VDC Input

Cameras and Domes | INDOOR MINI-DOMES

INDOOR MINI-DOMES

Honeywell's indoor/outdoor mini-dome cameras offer an excellent balance of rugged durability and aesthetic appeal. With many different mounting and profile options, there is a Honeywell indoor/outdoor mini-dome to suit nearly every surveillance application.

NTSC - HD3CH | PAL - HD3CHX

Super High Resolution, 3" Indoor Color Mini-Dome Camera

- 1/3" Interline CCD
- Super High Resolution color: 540 TVL
- Low Light Performance 0.6 lux @ F1.6
- 3.7–10 mm (F1.3) Vari-focal Auto Iris lens
- Auto Tracking White Balance (ATW)

NTSC - HD3C | PAL - HD3CX

Standard Resolution, 3" Indoor Color Mini-Dome Camera

- 1/3" Interline CCD
- Standard Resolution color: 350 TVL
- Low Light Performance 0.2 lux @ F1.6
- 3.7 – 10 mm (F1.6) Vari-focal Auto Iris lens
- Auto Tracking White Balance (ATW)

NTSC - HD3VM4A | PAL - HD3VM1AX

Standard Resolution, 3" Indoor Black and White Mini-Dome Camera

- 1/3" CCD
- Standard Resolution Black and White 380 TVL
- Low-light performance 0.5 lux @ F1.6
- 1/3" 4-9 mm Vari-focal Auto Iris

HD2 Series

A versatile, highly compact design, the HD2 Series from Honeywell offers design and install flexibility with its ability to mount on ceilings or walls. With two fixed lens options included and Auto Electronic Shutter for extreme lighting conditions, the HD2 is ready for immediate installation in your surveillance applications.

NTSC - HD2FC1 | PAL - HD2FC1X

Standard Resolution, 2" Color Mini-Dome Camera

- 1/4" CCD
- 330 TVL
- Fixed lenses: 3 and 6 mm
- Sensitivity: 3.2 lux @ F2.0
- Automatic gain control (auto)
- Backlight compensation
- Power: 12 VDC

NTSC - HD2FM1 | PAL - HD2FM1X

Standard Resolution, 2" Black and White Mini-Dome Camera

- 1/3" CCD
- 380 TVL
- Fixed lenses: 3.8 and 8 mm • Sensitivity: 0.8 lux @ F2.0
- Automatic gain control (on/off) • Backlight compensation • Power: 12 VDC

Cameras and Domes | INDOOR/OUTDOOR MINI-DOMES

VANDAL PROOF MINI-DOMES

Honeywell's indoor/outdoor mini-dome cameras offer an excellent balance of rugged durability and aesthetic appeal. With many different mounting and profile options, there is a Honeywell indoor/outdoor mini-dome to suit nearly every surveillance application.

HD4 Series

Honeywell's HD4 series is our most affordable vandal resistant fixed dome camera and is perfect for indoor and outdoor applications. This integrated camera system is rugged, loaded with high performance features and is a snap to install. With solid die-cast aluminum and scratch-resistant 3.5 mm thick polycarbonate dome cover, the HD4 can withstand heavy impacts and is IP66 rated for safe outdoor installations.

- 3-D gimbal for flexible configuration
- Vandal resistant aluminum alloy housing
- Polycarbonate dome with security screws
- Power: 12 VDC/24 VAC (Line Lock External 24 VAC only)
- Optional HD4-WK wall mount bracket

NTSC - HD4D | PAL - HD4DX

Super High Resolution True Day/Night Color Vandal Resistant Indoor/Outdoor Camera. The newest member of Honeywell's fixed dome camera family is the HD4D.

- 540 TV lines of resolution
- Low Light Sensitivity: 0.3 lux @ F1.5 (color), 0.03 lux@ F1.5 (black and white); Sense Up
- 3.3-12 mm Vari-focal Auto Iris lens
- Power: 12 VDC/24 VAC (Line Lock External 24 VAC only)

NTSC - HD4VC4HR | PAL - HD4VC3HRX

Super High Resolution Color, Vandal Resistant Indoor/Outdoor Camera

- 530 TV lines of resolution
- Low Light Sensitivity: 0.8 lux @ F1.5
- 3.3-12 mm Vari-focal Auto Iris lens
- Power: 12 VDC/24 VAC (Line Lock External 24 VAC only)

NTSC - HD4U | PAL - HD4UX

Ultra Wide Dynamic Rugged fixed mini dome

	HD4U	HD4U(X)
Operational		
Video Standard	NTSC, 525 lines, 2:1 interlace	PAL, 625 lines, 2:1 interlace
Scanning System	Progressive	Progressive
Image Sensor	1/3" WDR digital image device	1/3" WDR digital image device
Number of Pixels	720 (H) x 540 (V)	720 (H) x 540 (V)
Minimum Illumination	0.4 lux @ F1.4	0.4 lux @ F1.4
Horizontal Resolution	540 TVL	540 TVL
Video Output	1V p-p, 75 Ohms	1V p-p, 75 Ohms
Sync Sytem	12 VDC: Internal 24 VAC: (Line lock)	12 VDC: Internal 24 VAC: (Line lock)
S/N Ratio	52 dB typical	52 dB typical
Auto Gain Control (AGC)	Auto (0-36 dB maximum)	Auto (0-36 dB maximum)
Automatic Electronic Shutter	1/60 - 1/100,000 sec	1/50 - 1/100,000 sec
Lens Iris Control	DC Drive	DC Drive
White Balance	AWB/ATW/ATW Xtnd/Manual	AWB/ATW/ATW Xtnd/Manual
Line Lock Phase Adjust	Adjustable LL vertical phase	Adjustable LL vertical phase
Electrical		
Input Voltage	12VDC/24 VAC	12VDC/24 VAC
Input Range	11-16 VDC, 17-28 VAC	11-16 VDC, 17-28 VAC
Surge Suppression	1.5 kW transient	1.5 kW transient
Power Consumption	3.5 W	3.5 W
Temperature: Operating	-4°F to 122°F (-20°C to 50°C)	-4°F to 122° F (-20°C to 50°C)
Storage	-4°F to 140°F (-20°C to 60°C)	-4°F to 140° F (-20°C to 60°C)
Mechanical		
Dimensions (W x H x L)	5.5 in (D) x 3.6 in. (H) 140.2 mm (D) x 91.5 mm (H)	5.5 in (D) x 3.6 in. (H) 140.2 mm (D) x 91.5 mm (H)
Weight	2.5 lb (1.1kg)	2.5 lb (1.1kg)
Housing Construction	Diecast aluminum housing	Diecast aluminum housing
Housing Finish	Light gray powder coated	Light gray powder coated
video Output	BNC connector	BNC connector
Power Input	Removable screw terminal block	Removable screw terminal block

Introducing Honeywell's new

Performance Series Cameras

Because performance matters

No matter what performance you need in video surveillance, we've got the options you're looking for. Now we're rounding out our camera portfolio with a variety of indoor, outdoor and low light cameras that let you pick just the right one for virtually any application. The Performance Series cameras includes a wide range of high performing IR bullet cameras and mini-domes that are easy to install and even easier to use. Powered by 12 VDC, these cameras are armed with a 1/3" SONY Super HAD CCD image sensor that provides sharper image quality, so you see every detail when it counts. Plus, our cameras are competitively priced–giving you value from a partner you know and trust.

Honeywell's experience and commitment to innovation, combined with the quality and reliability of our integrated video systems, allows our customers to meet their existing and emerging security challenges. Whether you need the performance of IR illumination for low light environments or basic functionality for indoor or outdoor applications, Honeywell has a performer for you!

Our Performance Series offers

- IR Bullet Cameras
- IR Indoor Mini-Domes
- Indoor Mini-Domes
- IR Indoor/Outdoor Rugged Mini-Domes
- Indoor/Outdoor Rugged Mini-Domes

Honeywell Part Number	Description	Horizontal Resolution	S/N Ratio	Lens	Minimum Illumination	Illumination	IR LED Visible Range	Power Consumption	IP Rating
IR Bullet Cameras									
HB73 I PAL - HB73X	Super High Res. True Day/Night, DNR	550 TVL	>50 dB (AGC Off)	DC Iris Vari-focal Lens (f=3.8~9.5 mm)	Day (0.3 lux), Night (0.00 lux, IR LED On)	18 IR LED (850 nm, 30°)	Max. 65 ft., 20m	Max. 4.2W/300mA	IP65
HB72B/W/S I PAL - HB72B/W/SX	Super High Res. Day/Night	530 TVL	>48 dB (AGC Off)	Fixed Lens (f=4.3 mm)	Day (0.3 lux), Night (0.00 lux, IR LED On)	12 IR LED (850 nm, 30°)	Max. 50 ft., 15m	Max. 4.0W/300mA	IP65
HB71B/S I PAL - HB71B/SX	Standard Res. Day/Night	380 TVL	>50 dB (AGC Off)	Fixed Lens (f=6.0 mm)	Day (0.1 lux), Night (0.00 lux, IR LED On)	34 IR LED (850 nm, 15° and 30° mixed)	Max. 95 ft., 30m	Max. 4.2W/300mA	IP65
HB70 I PAL - HB70X	Standard Res. Day/Night	380 TVL	>48 dB (AGC Off)	Fixed Lens (f=4.3 mm)	Day (0.1 lux), Night (0.00 lux, IR LED On)	12 IR LED (850 nm, 30°)	Max. 50 ft., 15m	Max. 4.2W/300mA	IP65
IR Indoor/Outdoor Rugged Mini-Domes									
HD75 I PAL - HD75X	Super High Res. True Day/Night, DNR	550 TVL	>50 dB (AGC Off)	DC Iris Vari-focal Lens (f=3.8~9.5 mm)	Day (0.3 lux), Night (0.00 lux, IR LED On)	20 IR LED (850 nm, 30°)	Max. 75 ft., 23m	Max. 5W/460mA	IP66
HD73 I PAL - HD73X	Super High Res. True Day/Night	530 TVL	>48 dB (AGC Off)	DC Iris Vari-focal Lens (f=3.8~9.5 mm)	Day (0.3 lux), Night (0.00 lux, IR LED On)	20 IR LED (850 nm, 30°)	Max. 65 ft., 20m	Max. 4.5W/360mA	IP66
HD70 I PAL - HD70X	Super High Res. Day/Night	550 TVL	>50 dB (AGC Off)	Fixed Lens (f=4.0 mm)	Day (0.3 lux), Night (0.00 lux, IR LED On)	24 IR LED (850 nm, 30°)	Max. 50 ft., 15m	Max. 5W/400mA	IP66
IR Indoor Mini-Domes									
HD61 I PAL - HD61X	Standard Res. Day/Night	380 TVL	>48 dB (AGC Off)	Manual Varifocal Lens (f=4~9 mm)	Day (0.3 lux), Night (0.00 lux, IR LED On)	20 IR LED (850 nm, 30°)	Max. 65 ft., 20m	Max. 4.5W/360mA	
HD60 I PAL - HD60X	Standard Res. Day/Night	380 TVL	>48 dB (AGC Off)	Fixed Lens (f=4.0 mm)	Day (0.1 lux), Night (0.00 lux, IR LED On)	24 IR LED (850 nm, 30°)	Max. 50 ft., 15m	Max. 5W/400mA	
Indoor/Outdoor Rugged Mini-Domes									
HD51 I PAL - HD51X	Super High Res. Color	550 TVL	>50 dB (AGC Off)	DC Iris Vari-focal Lens (f=4~9 mm)	0.3 lux			Max. 3W/250mA	IP66
HD50 I PAL - HD50X	Super High Res. Color	530 TVL	>48 dB (AGC Off)	Fixed Lens (f=3.8 mm)	0.3 lux			Max. 1.8W/150mA	IP66
Indoor Mini-Domes									
HD40 I PAL - HD40X	Standard Res. Color	380 TVL	>48 dB (AGC Off)	Fixed Lens (f=3.8 mm)	0.1 lux			Max. 1.8W/150mA	

Get your Performance Series Cameras and DVRs today!

Cameras and Domes | INDOOR/OUTDOOR MINI-DOMES

MAGNAVIEW®/PRIMAVIEW® MODULAR CAMERA SYSTEM

MagnaView®/PrimaView® Modular Camera System

Honeywell's modular camera system allows you to choose from 9 different housing options, 10 different camera options and 9 different lens options. With solutions for indoor and outdoor use, all are vandal resistant and offer superior image quality and installation flexibility. The MagnaView Series offers metal housing construction while the PrimaView Series offers polycarbonate. After selecting your desired camera module and corresponding lens, select either a PrimaView or MagnaView housing to complete your modular camera. The most popular versions of MagnaView and PrimaView are also available as fully configured systems.

HEV28RC
Round Housing with Coax Interface

HEV28RTP
Round Housing with UTP Interface

HEV28RF
Round Housing with Fiber Interface

HEV28SC
Square Housing, V28S with Coax Interface

HEV28STP
Square Housing, V28S with UTP Interface

HEV28GC
Gripless Housing, V28G with Coax Interface

HEV28GTP
Gripless Housing, V28G with UTP Interface

HEV28FC
Flush Housing, V28F with Coax Interface

HEV28FTP
Flush Housing, V28F with UTP Interface

HEV28PC
Surface/Flush Housing, V28P with Coax Interface

HEV28PTP
Surface/Flush Housing, V28P with UTP Interface

HEV28CC
Corner Mount Housing, V28C with Coax Interface

HEV28CTP
Corner Mount Housing, V28C with UTP Interfacet

Cameras and Domes | INDOOR/OUTDOOR MINI-DOMES

PRIMAVIEW® POLYCARBONATE HOUSINGS

HEC12C
Surface/Flush Housing with Coax Interface
- Use Fixed Lens Only

HEC12TP
Surface/Flush Housing with UTP Interface
- Use Fixed Lens Only

HEC14C
Surface/Flushmount Housing with Coax Interface
- Use Fixed or Vari-focal Auto Iris lenses

HEC14TP
Surface/Flush Housing with UTP Interface
- Use Fixed or Vari-focal Auto Iris lenses

HEV29AC
Low-Profile Angle Dome Housing with Coax Interface
- Use Fixed or Vari-focal Auto Iris lenses

HEV29ATP
Low-Profile Angle Dome Housing with UTP Interface
- Use Fixed or Vari-focal Auto Iris lenses

MAGNAVIEW®/PRIMAVIEW® CAMERA MODULES

NTSC - HCGWD48 | PAL - HCGWD48X
High Resolution, Wide Dynamic Camera, True Day/Night Color Camera Module
- 1/3" CCD
- 480 TVL
- Sensitivity: 0.3 lux @ F1.5
- True Day/Night (mechanical IR cut filter)
- 52 dB Dynamic Range
- For Optimal Performance Use Auto Iris Lenses

NTSC - HCGW48 | PAL - HCGW48X
High Resolution, Wide Dynamic Camera, Color Camera Module
- 1/3" CCD
- 480 TVL
- Sensitivity: 0.3 lux @ F1.5
- 52 dB Dynamic Range
- For Optimal Performance Use Auto Iris Lenses

NTSC - HCGD48 | PAL - HCGD48X
High Resolution, True Day/Night, Color Camera Module
- 1/3" CCD
- 480 TVL
- Sensitivity: 0.3 lux @ F1.5
- True Day/Night (mechanical IR cut filter)

Cameras and Domes | INDOOR/OUTDOOR MINI-DOMES

NTSC - HCGD35 I PAL - HCGD35X
Standard Resolution, True Day/Night, Color Camera Module
- 1/3" CCD
- 350 TVL
- Sensitivity: 0.3 lux @ F1.5
- True Day/Night (mechanical IR cut filter)

NTSC - HCGC48 I PAL - HCGC48X
High Resolution Color Camera Module
- 1/3" CCD
- 480 TVL
- Sensitivity: 0.6 lux @ F1.5

NTSC - HCGC35 I PAL - HCGC35X
Standard Resolution, Color Camera Module
- 1/3" CCD
- 350 TVL
- Sensitivity: 0.5 lux @ F1.5

NTSC - HCGB57 I PAL - HCGB57X
High Resolution, Black and White Camera Module
- 1/3" CCD
- 570 TVL
- Sensitivity: 0.08 lux @ F1.5

NTSC - HCGB41 I PAL - HCGB41X
Standard Resolution, Black and White Camera Module
- 1/3" CCD
- 410 TVL
- Sensitivity: 0.06 lux @ F1.5

NTSC - HCGE48 I PAL - HCGE48X
EXview, High Resolution Color Camera Module
- 1/3" CCD
- 480 TVL
- Sensitivity: 0.6 lux @ F1.5

NTSC - HCGE35 I PAL - HCGE35X
EXview, Standard Resolution Color Camera Module
- 1/3" CCD
- 350 TVL
- Sensitivity: 0.5 lux @ F1.5

Cameras and Domes | INDOOR/OUTDOOR MINI-DOMES

MAGNAVIEW®/PRIMAVIEW® QUICK CHANGE LENSES

HLQAV1
4-9 mm Auto Iris, Vari-focal
- 68° - 32° Horizontal Field of View
- 50° - 24° Vertical Field of View
- F1.5

HLQAV2
2.6-6 mm Auto Iris, Vari-focal Lens
- 99° - 48° Horizontal Field of View
- 75° - 36° Vertical Field of View
- F1.4

HLQAV3
9-22 mm Auto Iris, Vari-focal Lens
- 29° - 13° Horizontal Field of View
- 22° - 10° Vertical Field of View
- F2.0

HLQ160
16 mm Fixed Lens
- 15° H – 11° V
- F2.0

HLQ120
12 mm Fixed Lens
- 22° H – 17° V
- F2.0

HLQ080
8.0 mm Fixed Lens
- 32° H – 24° V
- F2.0

HLQ060
6.0 mm Fixed Lens
- 42° H – 32° V
- F2.0

HLQ036
3.6 mm Fixed Lens
- 74° H – 55° V
- F2.0

HLQ029
2.9 mm Fixed Lens
- 99° H – 67° V
- F2.0

HLQVP4
Variety Pack: 2.9, 3.6, 6.0, 8.0 mm Fixed Lenses

Cameras and Domes | INDOOR/OUTDOOR MINI-DOMES

MAGNAVIEW®/PRIMAVIEW® PRE-CONFIGURED CAMERA SYSTEM

MagnaView®/PrimaView® Pre-Configured Camera System

MagnaView is Honeywell's premium camera line of vandal resistant surveillance solutions. Some of the strongest solutions available today, MagnaView cameras are used indoors and outdoors in the toughest environments imaginable. Additional versions of these systems are available in modular form.
See page 45.

MAGNAVIEW® PRE-CONFIGURED SYSTEM

NTSC - HD28W4HR6 | PAL - HD28W4HR6X

HEV28 Housing, Wide-Dynamic High Resolution Color Camera with 2.6-6 mm Vari-focal, Auto Iris lens

- 1/3" CCD
- 480 TVL
- 52 dB Dynamic Range
- Sensitivity: 1.0 lux @ F1.5
- 2.6-6 mm VFAI lens

NTSC - HD28W4HR9 | PAL - HD28W4HR9X

HEV28 Housing, Wide-Dynamic High Resolution Color Camera with 4-9 mm Vari-focal, Auto Iris lens

- 1/3" CCD
- 480 TVL Color
- Sensitivity: 1.0 lux @ F1.5
- 4-9 mm VFAI lens
- 52 dB Dynamic Range

NTSC - HD28D4HR6 | PAL - HD28D4HR6X

HEV28 Housing, True Day/Night High Resolution Color Camera with 2.6-6 mm Vari-focal, Auto Iris lens

- 1/3" CCD
- 480 TVL
- Sensitivity: 0.3 lux @ F1.5
- 2.6-6 mm VFAI lens • True Day/Night (mechanical IR cut filter)

NTSC - HD28D4HR9 | PAL - HD28D4HR9X

HEV28 Housing, True Day/Night High Resolution Color Camera with 4-9 mm Vari-focal, Auto Iris lens

- 1/3" CCD
- 480 TVL
- Sensitivity: 0.3 lux @ F1.5
- 4-9 mm VFAI lens
- True Day/Night (mechanical IR cut filter)

Cameras and Domes | INDOOR/OUTDOOR MINI-DOMES

NTSC - HD28C4HR6 I PAL - HD28C4HR6X
HEV28 Housing, High Resolution Color Camera with 2.6-6 mm Vari-focal, Auto Iris lens
- 1/3" CCD
- 480 TVL Color
- Sensitivity: 0.6 lux @ F1.5
- 2.6-6 mm VFAI lens

NTSC - HD28C4HR9 I PAL - HD28C4HR9X
HEV28 Housing, High Resolution Color Camera with 4-9 mm Vari-focal, Auto Iris lens

- 1/3" CCD
- 480 TVL Color
- Sensitivity: 0.6 lux @ F1.5
- 4-9 mm VFAI lens

PRE-CONFIGURED PRIMAVIEW®

NTSC - HD14W4HR6 I PAL - HD14W4HR6X
HEC14 Housing, Wide-Dynamic High Resolution Color Camera with 2.6-6 mm Vari-focal, Auto Iris lens
- 1/3" CCD
- 480 TVL Color
- Sensitivity: 1.0 lux @ F1.5
- 52 dB Dynamic Range
- 2.6-6 mm VFAI lens

NTSC - HD14W4HR9 I PAL - HD14W4HR9X
HEC14 Housing, Wide-Dynamic High Resolution Color Camera with 4-9 mm Vari-focal, Auto Iris lens
- 1/3" CCD
- 480 TVL Color
- Sensitivity: 1.0 lux @ F1.5
- 52 dB Dynamic Range
- 4-9 mm VFAI lens

NTSC - HD14D4HR6 I PAL - HD14D4HR6X
HEC14 Housing, True Day/Night High Resolution Color Camera with 2.6-6 mm Vari-focal, Auto Iris lens
- 1/3" CCD
- 480 TVL Color
- Sensitivity: 0.3 lux @ F1.5
- 2.6-6 mm VFAI lens
- True Day/Night (mechanical IR cut filter)

Cameras and Domes | INDOOR/OUTDOOR MINI-DOMES

NTSC - HD14D4HR9 I PAL - HD14D4HR9X
HEC14 Housing, True Day/Night High Resolution Color Camera with 4-9 mm Vari-focal, Auto Iris lens
- 1/3" CCD
- 480 TVL Color
- Sensitivity: 0.3 lux @ F1.5
- 4-9 mm VFAI lens
- True Day/Night (mechanical IR cut filter)vv

NTSC - HD14C4HR6 I PAL - HD14C4HR6X
HEC14 Housing, High Resolution Color Camera with 2.6-6 mm Vari-focal, Auto Iris lens
- 1/3" CCD
- 480 TVL
- Sensitivity: 0.6 lux @ F1.5
- 2.6-6 mm VFAI lens

NTSC - HD14C4HR9 I PAL - HD14C4HR9X
HEC14 Housing, High Resolution Color Camera with 4-9 mm Vari-focal, Auto Iris lens
- 1/3" CCD
- 480 TVL Color
- Sensitivity: 0.6 lux @ F1.5
- 4-9 mm VFAI lens

PRIMAVIEW® HD16 SERIES (NTSC ONLY)

NTSC - HD16CDW480
- High Resolution, 480 TVL Color
- Sensitivity: 0.4 lux @ F1.7
- 52 dB Dynamic Range
- True Day/Night (mechanical IR cut filter)

NTSC - HD16CW480
- High Resolution, 480 TVL Color
- Sensitivity: 1.0 lux @ F1.7
- 52 dB Dynamic Range

NTSC - HD16CD480
- High Resolution, 480 TVL Color
- Sensitivity: 0.3 lux @ F1.7
- True Day/Night (mechanical IR cut filter)

Cameras and Domes | INDOOR/OUTDOOR MINI-DOMES

NTSC - HD16CD350
- Standard Resolution, 350 TVL Color
- Sensitivity: 0.2 lux @ F1.7
- True Day/Night (mechanical IR cut filter)

NTSC - HD16CC480
- High Resolution, 480 TVL Color
- Sensitivity: 0.7 lux @ F1.7

NTSC - HD16CC350
- Standard Resolution, 350 TVL Color
- Sensitivity: 0.6 lux @ F1.7

NTSC - HD16TDW480
- UTP (Twisted Pair) Interface
- High Resolution, 480 TVL Color
- Sensitivity: 0.4 lux @ F1.7
- True Day/Night (mechanical IR cut filter)
- 52 dB Dynamic Range

NTSC - HD16TW480
- UTP (Twisted Pair) Interface
- High Resolution, 480 TVL Color
- Sensitivity: 1.0 lux @ F1.7
- 52 dB Dynamic Range

NTSC - HD16TD480
- UTP (Twisted Pair) Interface
- High Resolution, 480 TVL Color
- Sensitivity: 0.3 lux @ F1.7
- True Day/Night (mechanical IR cut filter)

NTSC - HD16TD350
- UTP (Twisted Pair) Interface
- Standard Resolution, 350 TVL Color
- Sensitivity: 0.2 lux @ F1.7
- True Day/Night (mechanical IR cut filter)

NTSC - HD16TC480
- UTP (Twisted Pair) Interface
- 480 TVL Color
- Sensitivity: 0.7 lux @ F1.7

NTSC - HD16TC350
- UTP (Twisted Pair) Interface
- Standard Resolution, 350 TVL Color
- Sensitivity: 0.6 lux @ F1.7

Cameras and Domes | INDOOR/OUTDOOR MINI-DOMES

ACCESSORIES FOR INDOOR/OUTDOOR MINI-DOMES

HEC12/14-PK
Pendant Mount Kit for HEC12 and HEC14

HEC12/14-WK
Wall Mount Kit for HEC12 and HEC14

HEV28R-WK
Wall Mount Kit for HEV28R

HEV28R-PK
Pendant Mount Kit for HEV28R

HEV28C-CSS
Brushed Stainless Steel Front Enclosure for HEV28C

HDRK16T
Replacement Half Tint Dome for HD16

HD16-PK
Pendant Mount Kit for HD16

HD16-WK
Wall Mount Kit for HD16

HD4-WK
Wall Mount Kit for HD4

Cameras and Domes | INDOOR/OUTDOOR MINI-DOMES

The V25 Armor Dome Series (NTSC ONLY)

- 1/3" CCD
- Heavy-duty steel enclosure secured using tamper-resistant screws for added durability
- Easy to install — the attractive and rugged housing will blend into any interior
- Compatible with Quick Change Lenses 2.9 mm to 12 mm
- Withstands a blow from an 8 lb. sledgehammer
- Compact, no-scratch, polycarbonate dome
- Weather sealed, IP66 rated
- Flush mount

V25C6120

High Resolution Color Armor Dome Camera with 12 mm Lens

- 480 TVL
- Sensitivity: 0.6 lux @ F1.5

V25C6080

High Resolution Color Armor Dome Camera with 8 mm Lens

- 480 TVL
- Sensitivity: 0.6 lux @ F1.5

V25C6060

High Resolution Color Armor Dome Camera with 6 mm Lens

- 480 TVL
- Sensitivity: 0.6 lux @ F1.5

V25C6036

High Resolution Color Armor Dome Camera with 3.6 mm Lens

- 480 TVL
- Sensitivity: 0.6 lux @ F1.5

V25C6029

High Resolution Color Armor Dome Camera with 2.9 mm Lens

- 480 TVL
- Sensitivity: 0.6 lux @ F1.5

V25C1029

Standard Resolution Color Armor Dome Camera with 2.9 mm Lens

- 350 TVL
- Sensitivity: 0.5 lux @ F1.5

Cameras and Domes | INDOOR/OUTDOOR MINI-DOMES

INTEGRATED DAY/NIGHT INDOOR/OUTDOOR MINI-DOME CAMERAS

SWX45-1060 (NTSC ONLY)

Night Hawk Standard Resolution, Day/Night Vandal Resistant Color Dome Camera with IR illuminators and 6.0 mm Auto Iris lens

- 12 near-IR LEDs to see objects up to 40 feet away in total darkness
- 380 TVL
- Sensitivity: 0 lux
- 6 mm Auto Iris lens @ F2.0
- Weather and vandal resistant housing
- Surface mount

SWX45-1043

Night Hawk Standard Resolution, Day/Night Vandal Resistant Color Dome Camera with IR illuminators and 4.3 mm Auto Iris lens

SWX45-1037

Night Hawk Standard Resolution, Day/Night Vandal Resistant Color Dome Camera with IR illuminators and 3.7 mm Auto Iris lens

Cameras and Domes | PTZ DOMES

PTZ DOMES

Honeywell's pan-tilt-zoom security cameras come in an array of options to fit numerous surveillance applications. Whether your application is indoor, outdoor or has extreme environmental requirements, we have a PTZ solution to fit your needs.

ACUIX™ PTZ Dome

If you're looking for a high-performance PTZ camera system with dramatically improved installation and set up time, check out the new ACUIX Series. ACUIX provides superior images, faster response to events, and seamless integration with Honeywell DVRs, matrix systems, DVM (Digital Video Manager), and access control devices. Best of all, ACUIX is compatible with all existing Honeywell, Ultrak and Ademco PTZ dome systems. Honeywell's ACUIX is loaded with many software features that enhance performance and make installation and operation easy. The Series features multiple housing configurations and four high resolution, auto-focus camera systems. Honeywell's proprietary IntelliBus™ protocol allows camera settings such as labels, presets, tours, and privacy zones to be archived and then remotely uploaded to a new camera package if required, affording the ultimate protection of the dome's settings. Because IntelliBus lets users remotely upload new firmware to domes without losing the use of the camera, ACUIX is a major time saver for dealers and end users.

ACUIX™ PTZ Dome Camera Specifications

CAMERA	HDXA	HDXJ	HDXF	HDXG
Image Sensor	1/4" EXview HAD CCD	1/4" EXview HAD CCD	1/4" EXview HAD CCD	1/4" EXview HAD CCD
Lens	18X optical zoom, f=4.1 mm (wide) to 73.8 mm (tele), F1.4 to F3.0	18X optical zoom, f=4.1 mm (wide) to 73.8 mm (tele), F1.4 to F3.0	26X optical zoom, f=3.5 mm (wide) to 91.0 mm (tele), F1.6 to F3.8	35X optical zoom, f=3.4 (wide) to 119 mm (tele), F1.4 to F4.2
Horizontal Resolution	> 470 TVL (NTSC) > 460 TVL (PAL)	> 530 TVL (NTSC) > 520 TVL (PAL)	> 530 TVL (NTSC) > 520 TVL (PAL)	> 540 TVL (NTSC) > 530 TVL (PAL)
Digital Zoom	12X (216X total zoom)	12X (216X total zoom)	12X (312X total zoom)	12X (420X total zoom)
Angle of View (H)	48 degrees (wide end) to 2.8 degrees (tele end)	48 degrees (wide end) to 2.8 degrees (tele end)	54.2 degrees (wide end) to 2.2 degrees (tele end)	55.8 degrees (wide end) to 1.7 degrees (tele end)
Minimum Illumination	0.7 lux	0.7 lux 0.01 lux (IR filter removed)	1.0 lux 0.09 lux (IR filter removed)	0.5 lux 0.05 lux (IR filter removed)
S/N Ratio	> 50dB	> 50dB	> 50dB	> 50dB

Cameras and Domes | PTZ DOMES

PTZ DOMES

Honeywell's pan-tilt-zoom security cameras come in an array of options to fit numerous surveillance applications. Whether your application is indoor, outdoor or has extreme environmental requirements, we have a PTZ solution to fit your needs.

ACUIX Indoor Pendant

- 35X Wide Dynamic Range & True Day/Night with Electronic Stabilization
- 26X True Day/Night
- 18X True Day/Night

Clear Dome/ White Trim Ring / White Housing

NTSC - HDXGNPACW | PAL - HDXGPPACW
35X Wide Dynamic Range & True Day/Night with Electronic Stabilization

NTSC - HDXFNPACW | PAL - HDXFPPACW
26X True Day/Night

NTSC - HDXJNPACW | PAL - HDXJPPACW
18X True Day/Night

Smoked Dome/White Trim Ring / White Housing

NTSC - HDXGNPASW | PAL - HDXGPPACW
35X Wide Dynamic Range & True Day/Night with Electronic Stabilization

NTSC - HDXFNPASW | PAL - HDXFPPASW
26X True Day/Night

NTSC - HDXJNPASW | PAL - HDXJPPASW
18X True Day/Night

Cameras and Domes | PTZ DOMES

Clear Dome/Black Trim Ring / Black Housing

NTSC - HDXGNBACB | PAL - HDXGPBACB

35X Wide Dynamic Range & True Day/Night with Electronic Stabilization

NTSC - HDXFNBACB | PAL - HDXFPBACB

26X True Day/Night

NTSC - HDXJNBACB | PAL - HDJPBACB

18X True Day/Night

Smoke Dome/ Black Trim Ring / Black Housing

NTSC - HDXGNBASB | PAL - HDXGPBASB

35X Wide Dynamic Range & True Day/Night with Electronic Stabilization

NTSC - HDXFNBASB | PAL - HDXFPBASB

26X True Day/Night

NTSC - HDXJNBASB | PAL - HDXJPBASB

18X True Day/Night

ACUIX Outdoor Pendant Dome

- 35X Wide Dynamic Range & True Day/Night with Electronic Stabilization
- 26X True Day/Night
- 18X True Day/Night

Cameras and Domes | PTZ DOMES

Clear Dome/White Trim Ring / White Housing
NTSC - HDXGNWACW | PAL - HDXGPWACW
35X Wide Dynamic Range & True Day/Night with Electronic Stabilization

NTSC - HDXFNWACW | PAL - HDXFPWACW
26X True Day/Night

NTSC - HDXJNWACW | PAL - HDXJPWACW
18X True Day/Night

Smoked Dome/White Trim Ring / White Housing
NTSC - HDXGNWASW | PAL - HDXGPWASW
35X Wide Dynamic Range & True Day/Night with Electronic Stabilization

NTSC - HDXFNWASW | PAL - HDXFPWASW
26X True Day/Night

NTSC - HDXJNWASW | PAL - HDXJPWASW
18X True Day/Night

ACUIX MOUNTS AND ADADPTERS

HDXWM1
ACUIX Wall Mount
• Indoor and Outdoor Environments

HDPRM2
ACUIX Flat Roof and Parapet Mount
• Outdoor Environments

HDCM1
ACUIX Pendant Mount
• Indoor Environments

Cameras and Domes | PTZ DOMES

ACUIX™ Accessories

	ACUIX In-ceiling	ACUIX Indoor Pendant	ACUIX Outdoor Pendant	ACUIX Rugged
Mounts				
HDXWM1 ACUIX - Wall Mount		X	X	
HDPRM2 ACUIX - Flat Roof and Parapet Mount		C	X	
HDCM1 ACUIX Ceiling Mount (Indoor only)		X		
MDW1210W Wall Mount		C	C	
Mount Adapters				
HDXCMA1 ACUIX Corner Mount Adapter		X	X	X
HDXPMA1 ACUIX – Pole Mount Adapter		X	X	X
CMA18W Corner Mount Adapter for MDW1210W		C	C	
PMA7W Pole Mount Adapter for MDW1210W		C	C	
Power Supplies - 110VAC (See page 71 for 220V)				
HPTV2416CB 16 output, 24 VAC, 8 A, SmartFused	X	X	X	X
HPTV2408CB 8 output, 24 VAC, 4 A, SmartFused	X	X	X	X
HPTV2404CB 4 output, 24 VAC, 4 A, SmartFused	X	X	X	X
HPTV2401WPZ Single output, video, data and power protection, NEMA 4 Enclosure	C	C	X	X
HPTV2401Z Single output, video, data and power protection, Indoor Enclosure	C	C	X	X
HPTVWPPMK2 2" Pole mounting kit for HPTV2401WPZ	C	C	C	C
HPTVWPPMK3 3" Pole mounting kit for HPTV2401WPZ	C	C	C	C
HPTVWPPMK4 4" Pole mounting kit for HPTV2401WPZ	C	C	C	C
Controllers (See page 130)				
HJZTP Joystick telemetry controller	X	X	X	X
HEGS5000 Joystick telemetry controller	C	C	C	C
Optional Accessories (See page 127)				
HDCD8TP Code distribution unit	X	X	X	X
HVB16M64TP UTP receiver, active, 16 in/64 out	C	C	C	C
HVB16TPTX UTP transmitter, active, 16 ports	C	C	C	C

X = Recommended C = Compatible

Power Supplies with NTSC only

Cameras and Domes | PTZ DOMES

HD6 SERIES

The HD6 Series is the new generation of PTZ domes from Honeywell Video Systems. This Series is one of the highest performing domes in the market.
With a large selection of cameras, the HD6 Series is fluid and its lightning fast pan-and-tilt movements makes it the ultimate dome.

- 4 cameras available including 35X WDR and TDN
- Variable pan speed 1/10° - 400° per second
- 98 programmable pre-shots
- 10 programmable VectorScans (video guard tours)
- 16 sector IDs with 24-character on-screen displays
- 4 on-board alarm inputs
- Unshielded Twisted Pair (UTP) video option available
- Available in rugged and pressurized versions

Rugged

Indoor Ceiling

Pressurized

Indoor Pendant

HD6 Series Camera Specifications

CAMERA	HD6A	HD6B	HD6G
Image Sensor	1/4" type EXview HAD CCD	1/4" type EXview HAD CCD	1/4" EXview HAD CCD
Lens	18X optical zoom, f=4.1 mm (wide) to 73.8 mm (tele), F1.4 to F3.0	18X optical zoom, f=4.1 mm (wide) to 73.8 mm (tele), F1.4 to F3.0	35X optical zoom, f=3.4 (wide) to 119mm (tele), F1.4 to F4.2
Horizontal Resolution	> 470 TVL (NTSC) > 460 TVL (PAL)	> 470 TVL (NTSC) > 460 TVL (PAL)	> 540 TVL (NTSC) > 530 TVL (PAL)
Digital Zoom	12X (216X total zoom)	12X (216X total zoom)	12X (420X total zoom)
Angle of View (H)	48 degrees (wide end) to 2.8 degrees (tele end)	48 degrees (wide end) to 2.8 degrees (tele end)	55.8 degrees (wide end) to 1.7 degrees (tele end)
Minimum Illumination	0.7 lux (typical) 0.05 lux (slow shutter mode at 1/4s)	0.7 lux (typical) 0.01 lux (NightShot at 1/4s)	0.5 lux 0.05 lux (IR filter removed)
S/N Ratio	> 50dB	> 50dB	> 50dB

Cameras and Domes | PTZ DOMES

HD6 Series Selection Guide

Lower Dome/ Trim Color	Communication Type	18X Color NTSC	18X Color PAL	18X Day/Night NTSC	18X Day/Night PAL	35X WDR and Day/Night NTSC	35X WDR and Day/Night PAL
Indoor							
Rugged (Wall or Ceiling Mount)							
Smoked	1	HD6AR1N1		HD6BR1N1		HD6GR1N1	
Smoked	4	HD6AR1N4		HD6BR1N4		HD6GR1N4	
Smoked	1	HD6AR2N1		HD6BR2N1		HD6GR2N1	
Smoked	4	HD6AR2N4		HD6BR2N4		HD6GR2N4	
Clear	1	HD6AR4N1		HD6BR4N1		HD6GR4N1	
Clear	4	HD6AR4N4		HD6BR4N4		HD6GR4N4	
Clear	1	HD6AR5N1		HD6BR5N1		HD6GR5N1	
Clear	4	HD6AR5N4		HD6BR5N4		HD6GR5N4	
Drop Ceiling							
Smoked/Black	1	HD6AD1N1	HD6AD1P1	HD6BD1N1	HD6BD1P1	HD6GD1N1	HD6GD1P1
Smoked/Black	4	HD6AD1N4		HD6BD1N4		HD6GD1N4	
Smoked/White	1	HD6AD2N1		HD6BD2N1		HD6GD2N1	
Smoked/White	4	HD6AD2N4		HD6BD2N4		HD6GD2N4	
Clear/Black	1	HD6AD4N1	HD6AD4P1	HD6BD4N1	HD6BD4P1	HD6GD4N1	HD6GD4P1
Clear/Black	4	HD6AD4N4		HD6BD4N4		HD6GD4N4	
Clear/White	1	HD6AD5N1		HD6BD5N1		HD6GD5N1	
Clear/White	4	HD6AD5N4		HD6BD5N4		HD6GD5N4	
Pendant (Wall or Ceiling Mount*)							
Smoked/Black	1	HD6AP1N1	HD6AP1P1	HD6BP1N1	HD6BP1P1	HD6GP1N1	HD6GP1P1
Smoked/Black	4	HD6AP1N4		HD6BP1N4		HD6GP1N4	
Smoked/White	1	HD6AP2N1		HD6BP2N1		HD6GP2N1	
Smoked/White	4	HD6AP2N4		HD6BP2N4		HD6GP2N4	
Clear/Black	1	HD6AP4N1	HD6AP4P1	HD6BP4N1	HD6BP4P1	HD6GP4N1	HD6GP4P1
Clear/Black	4	HD6AP4N4		HD6BP4N4		HD6GP4N4	
Clear/White	1	HD6AP5N1		HD6BP5N1		HD6GP5N1	
Clear/White	4	HD6AP5N4		HD6BP5N4		HD6GP5N4	

* Mount not included with Dome

1 = Video over coax and 2-wire RS485 communications

4 = Video over Unshielded Twisted Pair (UTP) and 2-wire RS485 communications

Cameras and Domes | PTZ DOMES

HD6 Series Selection Guide

Lower Dome/ Trim Color	Communication Type	18X Color NTSC	18X Color PAL	18X Day/Night NTSC	18X Day/Night PAL	35X WDR and Day/Night NTSC	35X WDR and Day/Night PAL
Outdoor							
Pressurized with Heater and Blower (Wall, Corner, Parapet, Roof, or Pole Mount*)							
Smoked	1	HD6AE1N1		HD6BE1N1	HD6BE1P1	HD6GE1N1	HD6GE1P1
Smoked	4	HD6AE1NJ		HD6BE1NJ		HD6GE1NJ	
Clear	1	HD6AE4N1		HD6BE4N1	HD6BE4P1	HD6GE4N1	
Clear	4	HD6AE4NJ		HD6BE4NJ		HD6GE4NJ	
Smoked	RS485/14-Pin Connector	HD6AE1NA		HD6BE1NA		HD6EG1NA	
Clear	RS485/14-Pin Connector	HD6AE4NA		HD6BE4NA		HD6GE4NA	
Rugged (Wall or Ceiling Mount)							
Smoked with Fan only	1	HD6AR1NF		HD6BR1NF		HD6GR1NF	
Clear with Fan only	1	HD6AR4NF		HD6BR4NF		HD6GR4NF	
moked with Heater and Blower	4	HD6AR1NJ		HD6BR1NJ		HD6GR1NJ	
Smoked with Heater and Blower	1	HD6AR1NH	HD6AR1PH	HD6BR1NH	HD6BR1PH	HD6GR1NH	HD6GRIPH
Clear with Heater and Blower	1	HD6AR4NH	HD6AR4PH	HD6BR4NH	HD6BR4PH	HD6GR4NH	HD6GR4PH
Clear with Heater and Blower	4	HD6AR4NJ		HD6BR4NJ		HD6GR4NJ	
Weather with Heater and/or Blower (Wall, Corner, Parapet, Roof, Pole Mount*)							
Smoked	1	HD6AW1N1	HD6AW1P1	HD6BW1N1	HD6BW1P1	HD6GW1N1	HD6GW1P1
Smoked	4	HD6AW1N4		HD6BW1N4	HD6BW1P4	HD6GW1N4	
Clear	1	HD6AW4N1	HD6AW4P1	HD6BW4N1		HD6GW4N1	HD6GW4P1
Clear	4	HD6AW4N4		HD6BW4N4		HD6GW4N4	

* Mount not included with Dome

1 = Video over coax and 2-wire RS485 communications

4 = Video over Unshielded Twisted Pair (UTP) and 2-wire RS485 communications

Cameras and Domes | PTZ DOMES

HD6 Series Accessories

Mounts and Mount Adapters	HD6 Indoor Pendant Mount	HD6 Indoor Ceiling Mount	HD6 Outdoor Weather	HD6 Outdoor Pressurized	HD6 Indoor/ Outdoor Rugged
PRM100B Parapet roof mount, black			X	X	C
PRM100W Parapet roof mount, white			X	X	C
MDW1210W Indoor/Outdoor wall mount	X		X	X	
DWM19S Extreme condition wall mount			X	X	
DPM15 Indoor/Outdoor Pendant mount	X		X	X	
CMA18B Corner mount Adapter for MDW1210W	X		X	X	
CMA18W Corner mount Adapter for MDW1210W	X		X	X	X
CMA18BS Corner mount Adapter for DWM19S			X	X	
PMA7W Pole mount Adapter for MDW1210W	X		X	X	
PMA18B Pole mount Adapter for DWM19S			X	X	
PMA18W Pole mount Adapter for DWM19S			X	X	
Power Supplies - 110 VAC (See page 72 for 220 VAC)					
HPTV2401S Single output, video and power protection, Indoor Enclosure 8A@24VAC	C	C	C	C	C
HPTV2401Z Single output, video, data and power protection, Indoor Enclosure 8A@24VAC	X	X	X	X	X
HPTV2401WPS Single output, video and power protection, NEMA 4 Enclosure 8A@24VAC	C	C	C	C	C
HPTV2401WPZ Single output, video, data and power protection, NEMA 4 Enclosure 8A@24VAC	C	C	X	X	X
HPTVWPPMK2 2" Pole mounting kit for HPTVWP	C	C	C	C	C
HPTVWPPMK3 3" Pole mounting kit for HPTVWP	C	C	C	C	C
HPTVWPPMK4 4" Pole mounting kit for HPTVWP	C	C	C	C	C
Controllers (See page 130)					
HJZTP Joystick telemetry controller	X	X	X	X	X
HEGS5000 Joystick telemetry controller	C	C	C	C	C
Optional Accessories (See page 127)					
HDCD8TP Code distribution unit	X	X	X	X	X
HVB16M64TP UTP receiver, active, 16 in/64 out	C	C	C	C	C
HVB16TPTX UTP transmitter, active, 16 ports	C	C	C	C	C

X = Recommended C = Compatible

Cameras and Domes | PTZ DOMES

PTZ ACCESSORIES

Honeywell offers a complete line of accessories to allow a high degree of flexibility in mounting PTZ dome cameras.

MDW1210W

Heavy Duty Wall Mount in White Color

The MDW1210W wall mount is a heavy-duty outdoor mounting that has been designed specifically for use with the HD6 WeatherDome and the HD6 nitrogen pressurized dome housing.

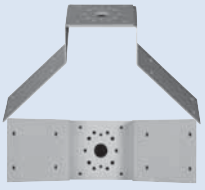
- Aluminum construction
- White epoxy base
- Max load: 75 lbs.
- Max wind load: 130 mph (209 kph)

CMA18W

White Corner-Mount Adapter for MDW1210W Mount

CMA18B

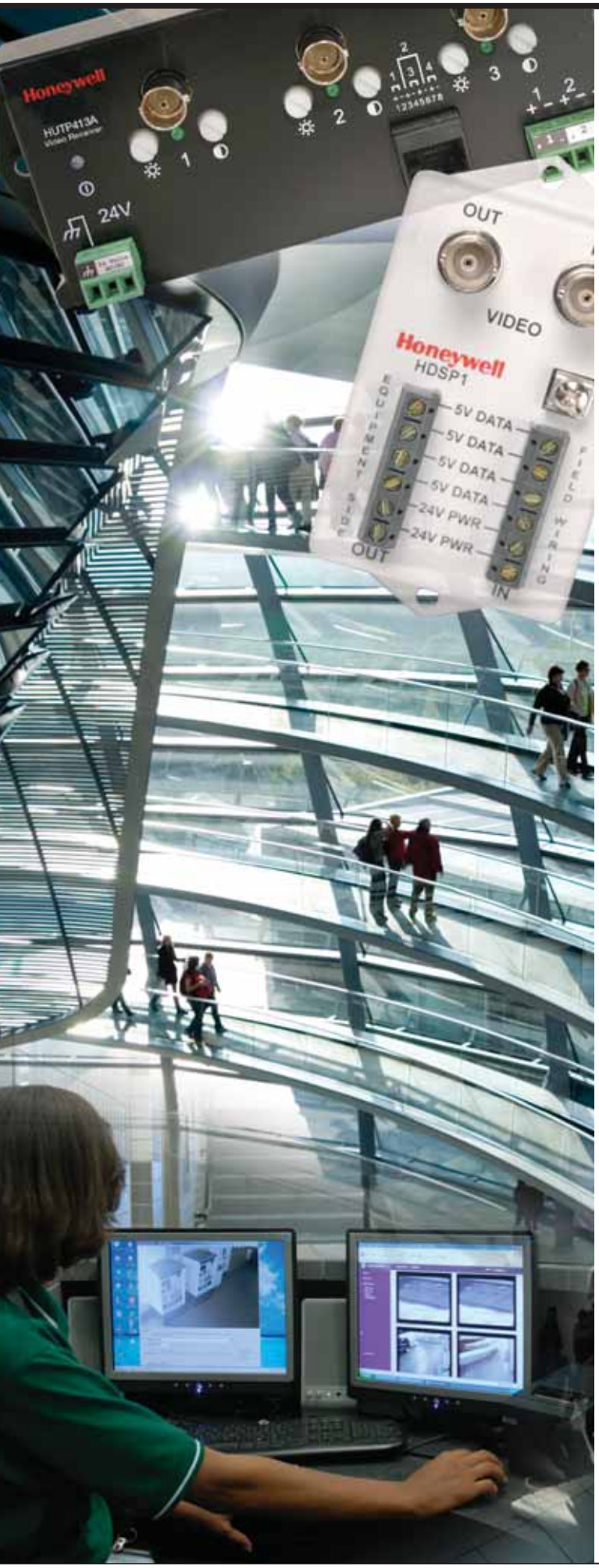
Black Corner-Mount Adapter for MDW1210W Mount



PMA7W

White Pole-Mount Adapter for MDW1210W Mount (or HHMW13 Housing Wall Mount)

See page 32



Analog Components

With an array of powerful cameras, digital video recorders, matrix systems, management software and other security products, Honeywell's broad range of analog components are designed to help you complete your system integration with ease. Our analog components, such as twisted pair video can help to reduce installation time, and our aesthetically appealing flat screen LCD monitors display crystal clear images while offering an energy efficient design for low power consumption and lower air conditioning load.

THIS SECTION INCLUDES:

Twisted Pair Video

Power Supplies

Surge Protectors

LCD Monitors

CRT Monitors

Analog Components

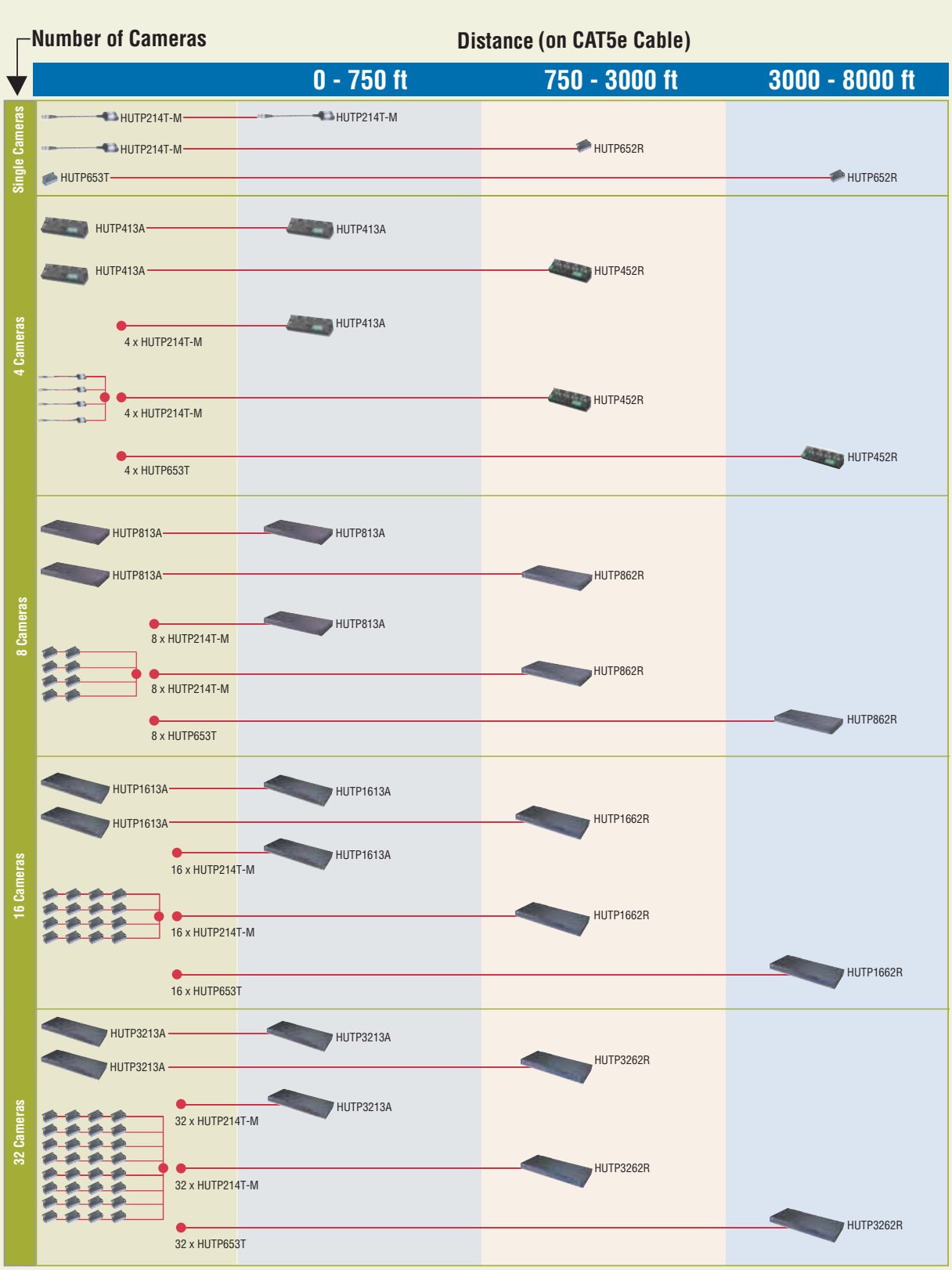
With years of experience, Honeywell knows that video systems are more than just providing cameras, digital video recorders, and domes – it's about offering the total solution. That's why we provide complete analog components and accessories that not only power up the systems, but make the entire installation and viewing of data a hassle-free experience.

Benefits:

- High quality and technologically advanced analog components and accessories
- Broad range of options and models designed to fit any installation environment
- UL Listed power supplies that offer superior voltage regulation
- Reliable products—power supplies, surge protectors, monitors, and displays—from a partner you can trust

Analog Components | TWISTED PAIR VIDEO

HUTP SERIES PRODUCT AND DISTANCE SELECTION GUIDE



Important Notes:
1) Video Signals traveling in opposite directions may co-exist in the same telephone cable up to 300 m (or 600 m if CAT5e cable is used)
2) For Digital Recording applications, please confirm transceiver specifications. 3) If used with a DVR, maximum cable lengths should be less than 750 ft.
* Reduce transmission distance by 20% if using telephone cable. * 5280' Limit on Cat2 or Cat3 Cable

Analog Components | TWISTED PAIR VIDEO

TWISTED PAIR VIDEO

Twisted Pair Video permits higher cabling density and longer transmission distances than traditional coaxial cable.

- Lower labor costs with easy wire installation
- Less expensive cabling
- Devices convert composite video on coaxial cable to/from Unshielded Twisted Pair (UTP) cable
- Provides immunity to interference and noise

HUTP3262R

UTP 32 Port Active Distribution Amplifier

The HUTP3262R is a 32 channel active distribution amplifier that converts coaxial signals to high-quality UTP video, providing immunity to interference and noise. There are LEDs showing each active port. Useful for cable lengths up to 5000 feet when used with an active transmitter such as the HUPT653T. Includes 32, 2 foot (60 cm) coax jumper cables and rackmount hardware.

• Dimensions: 17"W x 1.7"H x 8.6"D • Power: 315 mA @ 120/230 VAC, 50/60Hz

HUTP3213A

UTP 32 Port Passive Transceiver Hub

The HUTP3213A is a 32 channel passive transceiver hub that converts coaxial signals to beneficial high-quality UTP video, providing immunity to interference and noise. Useful for cable lengths up to 1000 feet. Includes 32, 2 foot (60 cm) coax jumper cables and rackmount hardware.

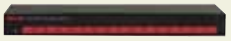
• Dimensions: 17"W x 1.7"H x 8.6"D • Power: None required

HUTP1662R

UTP 16 Port Active Distribution Amplifier

The HUTP1662R is a 16 channel active distribution amplifier that converts coaxial signals to high quality UTP video, providing immunity to interference and noise. The HUTP1662R provides built in transient protection and ground lifting and built in sharpness and brightness controls (green active LED for each port). Useful for cable lengths up to 5000 feet when used with an active transmitter such as HUPT653T. Includes 16, 2 foot (60 cm) coax jumper cables and rackmount hardware.

• Dimensions: 17”H x 1.7”W x 8.6”D • Power: 160 mA @ 120/230 VAC, 50/60Hz



HUTP1613A

UTP 16 Port Passive Transceiver Hub

The HUTP1613A is a 16 channel passive transceiver hub that converts coaxial signals to high-quality UTP video, providing immunity to interference and noise. Useful for cable lengths up to 1000 feet. Includes 16, 2 foot (60 cm) coax jumper cables and rackmount hardware.

• Dimensions: 17"W x 1.7"H x 8.6"D

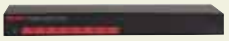
• Power: None required

HUTP862R

UTP 8 Port Active Distribution Amplifier

The HUTP862R is an 8 channel active distribution amplifier that converts coaxial signals to high-quality UTP video, providing immunity to interference and noise. There are LEDs showing each active port. Useful for cable lengths up to 5000 feet when used with an active transmitter such as HUTP653T. Includes 8, 2 foot (60 cm) coax jumper cables and rackmount hardware.

• Dimensions: 17"W x 1.7"H x 8.6"D • Power: 160 mA @ 120/230 VAC, 50/60 Hz



Analog Components | TWISTED PAIR VIDEO

HUTP813A

UTP 8 Port Passive Transceiver Hub

The HUTP813A is an 8 channel passive transceiver hub that converts coaxial signals to high-quality UTP video, providing immunity to interference and noise. Useful for cable lengths up to 1000 feet.

Includes 8, 2 foot (60 cm) coax jumper cables and rackmount hardware.

- Dimensions: 17"W x 1.7"H x 8.6"D
- Power: None required

HUTP452R

4 Channel Active Receiver

The HUTP452R is a 4 channel UTP module for cable lengths up to 5000 feet.

- Dimensions: 7.3"L x 2.35"W x 1.65"D
- Power: 6 W @24 VAC/24 VDC

HUTP413A

4 Channel Passive Transceiver

The HUTP413A is a 4 channel UTP module for cable lengths up to 1000 feet.

- Dimensions: 7.3"L x 2.35"W x 1.65"D
- Power: None required

HUTP653T

UTP Active Transmitter

The HUTP653T is a single channel active UTP transmitter for cable lengths up to 5000 feet when used with an active distributive amplifier or active receiver.

- Dimensions: 1.1"H x 1.5"W x 3.0"L
- Power: 6 W @ 24 VAC/24 VDC

HUTP652R

UTP Active Receiver

The HUTP652R is a single channel active UTP receiver for cable lengths up to 5000 feet.

- Dimensions: 1.1"H x 1.5"W x 3.0"L
- Power: 2.4 W @ 12-24 VAC/12-24 VDC

HUTP214T-M

UTP Passive Transmitter

The HUTP214T-M is a single channel UTP module with an integrated 9" coax cable with male connector. Useful for cable lengths up to 3000 feet when used with an active receiver such as the HUTP652R.

- Dimensions: 1.8"L x 1.1" diameter
- Power: None required

Analog Components | POWER SUPPLIES

POWER SUPPLIES

Compared to individual plug-in transformers, a multi-camera power supply reduces the overall cost of the installation and does not tie up multiple power outlets. Centralized power distribution also facilitates easy camera synchronization. There are a wide range of models to meet diverse applications:

- Indoor and outdoor models available
- SmartFused and Replaceable models
  - –UL Listed supplies incorporate very fast acting glass fuses, offering maximum protection of connected equipment
  - –SmartFused models utilize auto-resetting PTC protection which eliminates site visits to replace fuses
  - –Replaceable fuses are automobile style fuses instead of hard-to-find glass fuses offering extremely fast response for protection of critical equipment
- Surge suppression versions available for protection from power grid and lightning surges
- 24 VAC and 12 VDC models available
- Single camera models also available
- Expandable up to 32 outputs

HPTV24UL UL Listed Series

The Honeywell HPTV24UL Series power supply is a UL Listed multi-output power supply that offers superior voltage regulation. All of the products in the HPTV24UL Series have the following:

- UL Listed power supply
- 4, 8, or 16 individually fused 24 VAC outputs
- Up to 8 A available
- AC Power and individual status indicator lights
- Hinged vented enclosure with 7 convenient knock-outs
- Power ON/OFF switch
- Incoming power fused on primary and secondary sides
- Camera synchronization provided
- Transient protection on inputs and outputs

HPTV2416UL

16 Output, UL Listed

- 8 A
- Glass fused
- Dimensions: 9.25"H x 8.25"W x 3.50"D
- Power: 192 W @ 120 VAC

HPTV2408UL

8 Output, UL Listed

- 4 A
- Glass fused
- Dimensions: 9.25"H x 8.25"W x 3.50"D
- Power: 96 W @ 120 VAC

Analog Components | POWER SUPPLIES

HPTV2404UL

4 Output, UL Listed

- 4 A
- Glass fused
- Dimensions: 9.25"H x 8.25"W x 3.50"D
- Power: 96 W @ 120 VAC

HPTV24 Series

The HPTV24 Series power supply delivers constant 24 VAC with 4.0, 8.0, or 16.0 A of current with up to 16 outputs. Designed for ease-of-installation, HPTV24 Series is housed in a large, vented, hinged enclosure with multiple knockouts.

- 4, 8, or 16 individually automobile style fused or SmartFused
- 24 VAC output, up to 16.0 A available
- Field expandable to 32 outputs
- AC Power and individual status indicator lights
- Hinged, vented, oversized enclosure with 5 convenient knockouts
- Power ON/OFF switch
- Incoming power fused on primary and secondary sides
- Camera synchronization provided
- Transient protection on inputs and outputs

HPTV2416

16 Output, 24 VAC Automobile Style Fused

- 8 A
- Dimensions: 10"H x 11.5"W x 4.9"D
- Power: 192 W @ 120 VAC

HPTV2408

8 Output, 24 VAC Automobile Style Fused

- 4 A
- Dimensions: 10"H x 11.5"W x 4.9"D
- Power: 96 W @ 120 VAC

HPTV2404

4 Output, 24 VAC Automobile Style Fused

- 4 A
- Dimensions: 10"H x 11.5"W x 4.9"D
- Power: 96 W @ 120 VAC

220 VAC POWER SUPPLIES

HPTV2401D

Power supply, 240V/AC 1A, for Internal use, used on Orbiter Internal Micro spheres, Static domes and VideoBlox

HPTV2402DWP

Power supply, 230/24V AC, 3A(75VA) Total, 1x1A, 1x2A outputs for External Micro sphere and heater, mains indicator, power on/off, fuse block, data, BNC in/out, lightening protection, push outs 20, 25, 32, 40mm

HPTV2408-1D

Power supply, 230V/24V AC 8 individually fused 1A outputs, for Internal use, used on Orbiter Internal Micro spheres and Static domes

Analog Components | POWER SUPPLIES

HPTV2804WP-2
4 Output, 28 VAC, Automobile Style Fused, 7 A max, NEMA 4X Enclosure

HPTV2804WP4 Output, 28 VAC, Automobile Style Fused, 4 A max, NEMA 4X Enclosure

HPTVWPPMK2
2” Pole Mounting Kit for HPTVWP

HPTVWPPMK3
3” Pole Mounting Kit for HPTVWP

HPTVWPPMK4
4” Pole Mounting Kit for HPTVWP

HPTV2401WPS – WEATHERPROOF
Single Output, Video and Power Protection, NEMA 4 Enclosure

The HPTV2401WPS provides 24 VAC, 8 A and is housed in a NEMA 4 enclosure. Provides surge protection for power and video.
- 8 A
- Dimensions: 12.5"H x 10.5"W x 7.25"D
- Power: 192 W @ 120 VAC

TRANSFORMERS AND POWER DISTRIBUTION

HPT Series

The HPT Series transformers are available in a variety of voltages and power to fit your distribution needs. Each transformer has a case mounting table to keep it secured to the wall outlet. They also have screw terminals for ease of field wiring.

SURGE PROTECTORS

Honeywell lightweight and low profile surge protectors provide superior protection against voltage spikes that can disable and permanently damage expensive video equipment, causing loss of important data. Honeywell’s surge protectors are highly reliable for power and video and have several key features:

- **Single point grounding**
- **BNC female in/out for video protection**
- **Terminal strip connections for power and data protection**

HDSP1
PTZ Dome Surge Protector

The HDSP1 Surge Protector is a necessary component in any PTZ system. Adding surge protection ensures that the system remains operational while protecting expensive CCTV video equipment, power and data.
- Dimensions: 3.86"H x 2.07"W x 1.4"D
- Protects video, power and data

HCSP1
Camera Surge Protector

The HCSP1 Surge Protector is a necessary component in any fixed camera system including box cameras, bullet cameras, specialty cameras and mini-domes. Adding surge protection ensures that the system remains operational while protecting expensive CCTV video equipment, power and data.
- Dimensions: 3.86"H x 2.07"W x 1.4"D
- Protects video, power and data

Analog Components | LCD MONITORS

LCD MONITORS

Honeywell's LCD Monitors are uniquely designed to provide crisp images through advanced functionality, a large viewing area and high resolution.
These monitors feature high grade LCD panels with high brightness, high contrast and fast response times that are designed specifically for the video security and surveillance industry.

- Multiple input types available: VGA, S-Video, BNC, RCA inputs
- Audio and PC audio line input
- Built-in stereo speakers
- On screen display
- Desktop or wall-mount (with standard VESA mount)

e-Series LCD Monitors

The e-Series LCD monitors are designed for applications requiring excellent re-creation of moving video and text. The e-Series monitors, with multiple input format capability and exceptional performance at everyday prices, are a perfect companion for any of Honeywell's DVRs.

- SXGA 1280 x 1024 resolution
- 300 cd/m^2 brightness
- 1000:1 contrast ratio
- VGA, BNC and S-Video inputs
- Stereo sound
- Remote control
- 3-D comb filter
- De-interlace
- Protective glass
- VESA mounting compliant

Analog Components | LCD MONITORS

Systems Series LCD Monitors

The Systems Series LCD monitors are designed for applications requiring precise imaging in single, picture-in-picture, or multi-screen formats.

- SXGA 1280 x 1024 resolution
- 3-D comb filter for reduced noise
- Picture-in-picture display
- De-interlacing function for improved viewing of motion
- DVI-I, VGA, Composite and S-Video inputs
- Stereo sound
- Tilting rack mount option available

HMLCD19E2X

19" Systems Series Color LCD Monitor

- High resolution SXGA 1280 x 1024
- High brightness, 400 cd/m^2
- High contrast ratio, 500:1
- Fast response time, 12ms.
- DVI-I, VGA, S-Video and 2 looping channels of composite video
- Remote control included
- Dimensions: 16.2"H x 16.5"W x 6.0"D
- Power: 67 W @ 100-240 VAC, 50/60 Hz
- UK Power cord

HMLCD17E2X

17" Systems Series Color LCD Monitor

- High resolution SXGA 1280 x 1024
- High brightness, 400 cd/m^2
- High contrast ratio, 500:1
- Fast response time 8ms
- DVI-I, VGA, S-Video and 2 looping channels of composite video and audio
- Remote control included
- Dimensions: 15"H x 4.75"W x 6.0"D
- Power: 63 W @ 100-240 VAC, 50/60 Hz
- UK Power cord

Analog Components | LCD MONITORS

e-Series LCD Monitors

The e-Series LCD monitors are designed for applications requiring excellent re-creation of moving video and text. The e-Series monitors, with multiple input format capability and exceptional performance at everyday prices, are a perfect companion for any of Honeywell's DVRs.

- SXGA 1280 x 1024 resolution
- Up to 300 cd/m2 brightness
- Up to 800:1 contrast ratio
- VGA, Composite and S-Video inputs
- Stereo sound
- Tilting rack mount option available

HMLCD19e2

19" e-Series Color LCD Monitor

- High resolution SXGA 1280 x 1024
- High brightness, 250 cd/m^2
- High contrast ratio, 800:1
- Fast response time 20ms
- VGA, S-Video and 1 looping channel of composite video and audio
- Dimensions: 16.2"H x 16. 5"W x 6.0"D
- Power: 67 W @ 100-240 VAC, 50 or 60 Hz
- US Power cord

HMLCD17e2

17" e-Series Color LCD Monitor

- High resolution SXGA 1280 x 1024
- High brightness, 300 cd/m^2
- High contrast ratio 500:1
- Fast response time 12ms
- VGA, S-Video and 1 looping channel of composite video and audio
- Dimensions: 15.0"H x 14.75"W x 6.0"D
- Power: 63 W @ 100-240 VAC, 50 or 60 Hz
- US Power cord

Analog Components | LCD MONITORS

LX-SERIES LCD MONITORS

Honeywell's HMLCD17LX and HMLCD19LX LCD monitors are designed specifically for the security industry to provide high resolution display of computer signals and/or composite video. The combination of robust features, good performance, and exceptional value comes together to deliver excellent video in a variety of applications. Because they consume less power, last longer, and generate less heat than conventional CRT monitors, LCD monitors are more cost-effective over long term use.

LX-Series LCD Monitors

Features:

- Resolution, SXGA 1280 x 1024
- Brightness, 300 cd/m2
- Contrast ratio, 500:1
- Response time, 8 ms
- Analogue RGB (15-pin DB-type) input
- 1 BNC and 1 RCA composite video inputs (HMLCD17LX) 2 BNC and 1 RCA composite video inputs (HMLCD19LX)
- 1 BNC looping video output (HMLCD19LX only)
- Two built-in speakers
- Convenient front-panel controls
- Power failure function provides auto turn-on in case of power failure
- VESA DDC mounting compliant

HMLCD17LX

17" L-Series LCD Monitors

- High resolution SXGA 1280 x 1024
- High brightness, 300 cd/m^2
- High contrast ratio 500:1
- Fast response time 8 ms
- VGA, S-Video and 1 looping channel of composite video and audio
- Dimensions: 15.0"H x 14.75"W x 6.0"D
- Power: 63 W @ 100-240 VAC, 50 or 60 Hz
- US Power cord

HMLCD19LX

19"L-Series LCD Monitors

- High resolution SXGA 1280 x 1024
- High brightness, 250 cd/m^2
- High contrast ratio, 500:1
- Fast response time 8 ms
- VGA, S-Video and 1 looping channel of composite video and audio
- Dimensions: 16.2"H x 16. 5"W x 6.0"D
- Power: 67 W @ 100-240 VAC, 50 or 60 Hz
- US Power cord

Analog Components | LCD MONITORS

MOUNTING OPTIONS

To complement the LCD monitors, Honeywell has a set of LCD mounting options. These new, sleek LCD wall mounts are ideal for applications where a high level of security is required, along with a high level of discretion.

- VESA compliance
- UL compliant testing beyond normal industry standards
- One-touch tilt for flexible tilt adjustment
- Theft resistant fasteners
- Minimum space requirements
- Compatible with analog and digital

HMLCDTM
Tilting Wall Mount for LCD Monitors

HMLCDARM
17" Articulating Arm Mount for LCD Monitors

HMLCDCM
Ceiling Mount for LCD Monitors

HMLCD17RK1
Rackmount Kit for HMLCD17e and HMLCD17S

HMLCD19RK1
Rackmount Kit for HMLCD19e and HMLCD19S

Analog Components | CRT MONITORS

CRT MONITORS

Honeywell's color and black and white CRT monitors come standard with a universal power supply that allows the monitor to operate over a large range of input voltages and frequencies. The color CRT monitors incorporate an auto-selectable, multi-standard scan system that enables either NTSC and PAL video standards. The black and white CRT monitors incorporate a multi-standard scan system that enables both EIA and CCIR video standards to be used in a single monitor. All models employ a latching power switch and therefore eliminate the need for the monitor to be turned back on following an interruption of power. Each monitor is equipped with auto terminating looping video inputs.

NTSC - HMC21 | PAL - HMC21X

21" Color CRT Monitor

- 450 TVL
- Steel cabinet
- Video A/B or Y/C looping
- On screen display
- Audio output available
- Dimensions: 17-5/16"H x 19-5/16"W x 18-11/16"D
- Power: 80W @ 264 VAC, 50/60Hz
- Rackmount Kit: Not applicable
- Different colors Available

HMC14HRX

14" Color CRT Monitor with OSD with Gray Cabinet

- 400 TVL
- Convenient multi-language On-Screen Display (OSD) for easy setup and adjustment
- Steel cabinet
- Video A/B or Y/C looping
- Audio output available
- Dimensions: 13"H x 13-13/16"W x 13-15/16"D
- Power: 70 W @ 90-264 VAC, 50/60Hz

HMC14HRRK1X

Single Rackmount Kit

- Mounts HMC14 in a standard 19" rack

Analog Components | CRT MONITORS

HMM17
17" Black and White CRT Monitor
- >900 TVL
- DC restoration
- Steel cabinet
- Audio output available
- Dimensions: 14-13/16"H x 16-11/32"W x 14-3/16"D
- Power: 40 W @ 264 VAC, 50/60Hz

HMM17RK1
Single Rackmount Kit
- Mounts HMM17 in a standard 19' rack

HMM12
12" Black and White CRT Monitor
- >1000 TVL
- DC restoration
- Steel cabinet
- Dimensions: 11-1/4"H x 12"W x 12-1/8"D
- Power: 18 W @ 264 VAC, 50/60 Hz

HMM12RK1
Single Rackmount Kit
- Mounts HMM12 in a standard 19" rack

HMM9
9" Black and White CRT Monitor
- >1000 TVL
- DC restoration
- Steel cabinet
- Dimensions: 9-1/16"H x 8-11/16"W x 9-3/4"D
- Power: 15 W @ 90-204 VAC, 50/60 Hz

HMM9RK1
Single Rackmount Kit
- Mounts HMM9 in a standard 19" rack

HMM9RK2
Dual Rackmount Kit
- Mounts two HMM9 monitors in a standard 19" rack

Digital Video Recorders

Honeywell's DVRs are high-quality and high performing with features designed for easy installation and operation, superior image quality, and maximum storage. The Rapid Eye™ Multi-Media DSP v8, the Rapid Eye Multi-Media v7 Series, and the Fusion III v3.5 DVR Series are PC-based platforms that integrate seamlessly with Honeywell's access control systems, Integrated Data Manager and industry-leading alarm central station video verification applications. And our embedded DVRs are feature-rich, providing increased storage capacity, paramount picture quality and enhanced search capabilities. With a Honeywell DVR, you're getting digital video recording at its best.

THIS SECTION INCLUDES:

PC-BASED DVRS

- Rapid Eye™ Multi-Media DSP v8 Series
- Rapid Eye™ Multi-Media v7 Series
- Rapid Eye™ Multi-Media LT v7 Series
- Fusion III v3.5 Series

EMBEDDED DVRS

- HRXD
- HRSD8/16
- HRSD4
- HRHD410
- HRDE 4X4
- HRDV and HRDVS

DVRs

Honeywell's comprehensive DVR offering encompasses a wide variety of products and features certain to provide the right solution for every situation. Whether your needs are PC-based or embedded, stand alone or integrated, Honeywell's DVR line up has just what you need. Choose from an assortment of DVRs, including the event-driven Rapid Eye Multi-Media DSP v8 Series, a 32-channel 480 ips Fusion III v3.5, the high performance HRXD, or the cost effective HRDE 4X4.

Benefits:

- High performance and excellent video quality
- Innovative technology, resulting in maximum storage capacity and longer recording times
- Ability to search more quickly and effectively without losing recorded video
- Remote access through network/telephone that can be managed from headquarters or home office
- Fully-integrated with Honeywell's data analysis software and access control systems
- For smarter video and tighter security, use DVR in combination with Honeywell's state-of-the-art intelligent video analytics. Honeywell's unique, patented software eliminates false alarms by automatically recognizing and classifying user defined events and behaviors.

DVRs | DVR INTEGRATION

DVR INTEGRATION

Honeywell offers enhanced digital video recording integration through combining its video and CCTV systems with access control systems to create powerful security solutions. With Honeywell's Video Systems, you get innovative PC-based digital recording technology that seamlessly integrates with access control and software systems from Honeywell's Access Systems. This powerful combination gives you enhanced functionality and greater control over your security needs.

DVR Integration

- Capture of live video and linking it to access control alarms and events, such as door forced open, invalid card readers, glass break, motion alarms, and others.
- Video verification for access control, which allows operators to verify a live user and match the user to an existing image stored in the access control database. The operator can then grant or deny access based on verification.
- Video pop-ups linked to alarms or events generated by an access control system. Thereafter, a video screen displays the event as it occurs – and operators can retrieve video prior to the alarm or event.
- Consistent camera control in the access control software, such as pan, tilt, and zoom are connected to the DVR directly from the access control software, which allows up to 6 cameras to be monitored simultaneously and gives the operator the ability to select specific cameras to control.
- Additional features include live video call-up, alarm view screen, digital video screen, set camera presets, history event filters, synchronized playback of multi cameras and more.

DVR Integration of Access Control and Video Systems

	1-2 Door Application	Entry Level Commercial	Small - Medium Commercial	Large Commercial	Centrally Monitored
Typical Applications	• Gates • Small Retail	• Small Office Buildings • Medical/ Professional • Daycare Centers	• Medium Businesses • Financial • Manufacturing • Light Industrial	• Medium-large Commercial • Financial • Pharmaceutical • Universities/Campuses • Government	• Small-medium Commercial • Remote Managed Sites • Web-based Management
Software Solution	• NStar Starter Kit	• NStar	• Pro-Watch PE, CE • WIN-PAK SE	• Pro-Watch CE, EE • WIN-PAK SE • WIN-PAK PE	• WIN-PAK PE Central Station
Hardware Solution	• NS1 Single Door System	• NS2 Controller	• PW5K Controller • NS2+ Controller	• PW5K Controller • N-1000 Controller • PRO-2200 Controller	• NS2+ Controller • N-1000 Controller • PRO-2200 Controller
Video Solution	• Rapid Eye™ Multi Media v7 with NSOPT1	• Rapid Eye™ Multi-Media LT v7 with NSOPT1	• Rapid Eye™ Multi-Media v7 and Fusion III v3.5	• Rapid Eye™ Multi-Media DSP v8 or Fusion III v3.5	• Rapid Eye™ Multi-Media LT v7, DSP v8

For ordering information, visit www.honeywellvideo.com

DVRs | PC-BASED

PC-Based Digital Video Recorders Comparison Chart

	RAPID EYE™ Multi-Media DSP v8	RAPID EYE™ Multi-Media v7	RAPID EYE™ Multi-Media LT v7	FUSION III v3.6
Number of Video Channels	16 Looping	16 Looping	4 and 9 Looping	8, 16, 32 Looping
Number of Audio Channels	Dual Audio Channels (Bi-directional)	Dual Audio Channels (Bi-directional)	Single Audio Channel (Bi-directional)	2, 4 or 8 Synchronized
Number of Analytics Channels	Up to 8 optional	0	0	Up to 2 optional
Monitor Outputs	Spot: 1 VGA: 2	Spot: 1 VGA: 2	Spot: 1 VGA: 1	Spot: 1-4 VGA: 1
IPS Live/Recorded	480 (CIF) 240 (2 CIF) 120 (4 CIF)	60 (Up to 4 CIF)	20 or 40 (Up to 2 CIF)	480 (CIF) 240 (2 CIF) 120 (4 CIF)
Recording Resolution	704 x 480 640 x 480 640 x 240 320 x 240 160 x 120	704 x 480 640 x 480 640 x 240 320 x 240 160 x 120	640 x 240 320 x 240 160 x 120	704 x 480 640 x 240 320 x 240
Compression	REM Modified H261 / 263	REM Modified H261 / 263	REM Modified H261 / 263	Modified MJPEG
Gigabytes (GB) or Camera Days	250 GB–3 TB	500-6250 Camera Days	200-2000 Camera Days	250 GB–4 TB
Operating System	Linux	Real Time OS (VxWorks™)	Real Time OS (VxWorks™)	Windows® XP Embedded
Remote Users/ Streams	Up to 10 Users 16 - 32 Streams	10 Users 32 Streams	10 Users 4 - 16 and 9 - 32 Streams	5 Users from any source
Alarm Inputs/ Outputs	16 / 8	16 / 8	4 and 9 / 4	8, 16 / 8

DVRs | PC-BASED

Rapid Eye™ Multi-Media Series Comparison Chart

	Rapid Eye™ Multi-Media DSP v8	Rapid Eye™ Multi-Media v7	Rapid Eye™ Multi-Media LT v7
Video	16 Channels Looping	16 Channels Looping	4 and 9 Channels Looping
Capture Rate (ips) Resolution Recording	Available in 480 (CIF) 160 x 120, 324 x 240 640 x 240, 640 x 480 and 704 x 480	Available in 60 160 x 120, 320 x 192 324 x 240, 640 x 240 640 x 480 and 704 x 480	Available in 20 or 40 160 x 120, 324 x 240 and 640 x 240
Live Video Resolution	160 x 120, 324 x 240 640 x 240, 640 x 480 and 704 x 480	160 x 120, 324 x 240 640 x 240, 640 x 480 and 704 x 480	160 x 120, 324 x 240 and 640 x 240
Audio	2 Channels Synchronized Monitor and Record (Bi-Directional)	2 Channels Synchronized Monitor and Record (Bi-Directional)	1 Channel Synchronized Monitor and Record (Bi-Directional)
Data Capture (POS)	Up to 16 Streams Synchronized with Video	Up to 4 Streams Synchronized with Video	Up to 4 Streams Synchronized with Video
Gigabytes (GB) or Camera Days	250, 500, 750, 1 TB, 1.5 TB, 2 TB and 3 TB	500, 1000, 2000, 3000 4500 and 6250 Camera Days @ (320 x 192)	200, 400, 800, 1250 and 2000 Camera Days @ (320 X 240)
Field Serviceable Hard Drive	Yes, 4 Bays with Shock Mounted Drive	Yes, 4 Bays with Shock Mounted Drive	No, Single Internal Shock Mounted Drive
Serial Ports	10 – Total 2– RS232 DB9 8 – User-selectable 232, 422, 485 and RJ45	2 – RS232 DB9	2 – RS232 DB9
Remote Users	Up to 10 Each for Live and Retrieve	10 Each for Live and Retrieve	10 Each for Live and Retrieve
Viewing Streams	Up to 32 Each for Live and Retrieve	32 Each for Live and Retrieve	16 Each 4 Channels for Live and Retrieve 32 Each 9 Channels for Live and Retrieve
Remote Access	Network: STD 10/100 Base T Internal Modem Included	Network: STD 10/100 Base T Internal Modem Included	Network: STD 10/100 Base T Internal Modem Included with 20 ips Models
LocalView UI or Public Display NTSC	Dual VGA Output: 1024 x 768 Requires Separate Converter	Dual VGA Output: 800 x 600 Requires Separate Converter	VGA Output: 800 x 600 or Built-in Composite Output

DVRs | PC-BASED

RAPID EYE™ MULTI-MEDIA DSP v8 SERIES

Rapid Eye Multi-Media DSP v8 features real-time recording and live local viewing. The system is designed to record, search, and transmit video, audio, and data transactions while simultaneously providing users with both live and post event evaluation.

Rapid Eye Multi-Media DSP v8 offers:

- Highly interactive, full local graphical user interface (LocalView) with vector driven pan/tilt/zoom mouse control
- Rapid Clip feature makes remote clip generation to a USB device or the internal DVD-RW fast and easy
- Keyboard supplied with each unit includes an integrated USB hub for connecting the local mouse and USB storage or other devices
- Linux operating system is extremely secure, stable and reliable
- Superior live video images, high recording rates or image resolution, event-driven accelerated response recording and internal storage capacity up to 3 TB
- POS capability of up to 16 data streams, and 8 user definable serial ports allowing direct connection of PTZ telemetry wiring to the unit without the need for separate hardware devices
- Support for intelligent video or data analytics

Rapid Eye™ Multi-Media DSP v8 Series

- Real-time recording rates at CIF resolution: 480/400 global (NTSC/PAL)
- Up to 4CIF recording and/or viewing resolution
- Live viewing using LocalView
- Standard DVD-RW drive for local clip generation on DVD
- 16 looping video inputs
- Dual audio channels (Bi-directional and VoIP)
- 16 alarm inputs, 8 control outputs, 10 serial ports
- 4 shock mounted field replaceable hard drive bays
- Linux – secure, stable multi-tasking real-time OS
- Keyboard with USB 2.0 port for convenient clip creation on USB memory dongle
- SNTP client automatically synchronizes to SNTP servers
- RapidSearchTM for video evidence by events, data, motion or alarm
- IntelliBus™ protocol support
- Integrated intelligent video analytics option

DVRs | PC-BASED

NTSC - HRM16BR8A3T0 (PAL SPECIAL ORDER)

Rapid Eye™ Multi-Media DSP v8, 16 Channel, 480 ips, DVD-RW, 3.0 TB Hard Drive, Up to 8 Channels of Analytics

NTSC - HRM16BR8A2T0 (PAL SPECIAL ORDER)

Rapid Eye™ Multi- Media DSP v8, 16 Channel, 480 ips, DVD-RW, 2.0 TB Hard Drive, Up to 8 Channels of Analytics

NTSC - HRM16BR8A1T0 (PAL SPECIAL ORDER)

Rapid Eye™ Multi-Media DSP v8, 16 Channel, 480 ips, DVD-RW, 1.0 TB Hard Drive, Up to 8 Channels of Analytics

NTSC - HRM16BR8A500 (PAL SPECIAL ORDER)

Rapid Eye™ Multi- Media DSP v8, 16 Channel, 480 ips, DVD-RW, 500 GB Hard Drive, Up to 8 Channels of Analytics

NTSC - HRM16BR1D3T0 | PAL - HRE16BR1D3TO

Rapid Eye™ Multi-Media DSP v8, 16 Channel, 480 ips, DVD-RW, 3.0 TB Hard Drive

NTSC - HRM16BR1D2T0 | PAL - HRE16BR1D2TO

Rapid Eye™ Multi-Media DSP v8, 16 Channel, 480 ips, DVD-RW, 2.0 TB Hard Drive

NTSC - HRM16BR1D1T5 | PAL - HRE16BR1D1TO

Rapid Eye™ Multi-Media DSP v8, 16 Channel, 480 ips, DVD-RW, 1.5 TB Hard Drive

NTSC - HRM16BR1D1T0 (PAL SPECIAL ORDER)

Rapid Eye™ Multi-Media DSP v8, 16 Channel, 480 ips, DVD-RW, 1.0 TB Hard Drive

NTSC - HRM16BR1D750 (PAL SPECIAL ORDER)

Rapid Eye™ Multi-Media DSP v8, 16 Channel, 480 ips, DVD-RW, 750 GB Hard Drive

NTSC - HRM16BR1D500 (PAL SPECIAL ORDER)

Rapid Eye™ Multi-Media DSP v8, 16 Channel, 480 ips, DVD-RW, 500 GB Hard Drive

NTSC - HRM16BR1D250 | PAL - HRE16BR1D250

Rapid Eye™ Multi-Media DSP v8, 16 Channel, 480 ips, DVD-RW, 250 GB Hard Drive

DVRs | PC-BASED

NTSC - HRM16BR1M3T0 (PAL SPECIAL ORDER)
Rapid Eye™ Multi-Media DSP v8, 16 Channel, 480 ips, 3.0 TB Hard Drive

NTSC - HRM16BR1M2T0 I PAL - HRE16BR1M2TO
Rapid Eye™ Multi-Media DSP v8, 16 Channel, 480 ips, 2.0 TB Hard Drive

NTSC - HRM16BR1M1T5 I PAL - HRE16BR1M1T5
Rapid Eye™ Multi-Media DSP v8, 16 Channel, 480 ips, 1.5 TB Hard Drive

NTSC - HRM16BR1M1T0 I PAL - HRE16BR1M1T0
Rapid Eye™ Multi-Media DSP v8, 16 Channel, 480 ips, 1.0 TB Hard Drive

NTSC - HRM16BR1M750 I PAL - HRE16BR1M750
Rapid Eye™ Multi-Media DSP v8, 16 Channel, 480 ips, 750 GB Hard Drive

NTSC - HRM16BR1M500 I PAL - HRE16BR1M500
Rapid Eye™ Multi-Media DSP v8, 16 Channel, 480 ips, 500 GB Hard Drive

NTSC - HRM16BR1M250 I PAL - HRE16BR1M250
Rapid Eye™ Multi-Media DSP v8, 16 Channel, 480 ips, 250 GB Hard Drive

REMM DSP v8 FACTORY INSTALLED ANALYTICS

HAAPR
Rapid Eye™ Multi-Media DSP v8 Video Analytics License – Active Alert® Premium Package

HAASR
Rapid Eye™ Multi-Media DSP v8 Video Analytics License – Active Alert® Standard Package

HAABR
Rapid Eye™ Multi-Media DSP v8 Video Analytics License – Active Alert® Base Package

HASIR
Rapid Eye™ Multi-Media DSP v8 Video Analytics License – Smart Impressions® Package

HAACR
Rapid Eye™ Multi-Media DSP v8 Video Analytics License – People Counter Package

- All of the above part numbers are sold separately
- Up to 8 channels of ONE ONLY video analytics package
- HRM16BR8A3T0, HRM16BR8A2T0, HRM16BR8A1T0 or HRM16BR8A500 configurations only

For Analytics ordering information, contact your Sales Manager

DVRs | PC-BASED

RAPID EYE™ MULTI-MEDIA v7 SERIES

Rapid Eye™ Multi-Media Series is a 16 channel PC-based DVR that features a powerful and intelligent digital storage management tool.
The PC-based platform is designed to record, search, and transmit video, audio, and data transactions – enabling users to access both live and post event data.
The Rapid Eye™ system's strength is its fully featured remote user capabilities – making it well suited for various applications (e.g. central station video verification, schools, utilities,
or multi-site retail environments).

The Rapid Eye™ system has three main components:

- Recorder Unit – featuring LocalView user interface that provides on-site video, audio, and data management capabilities as well as basic system and camera configuration
- ADMIN Software – workstation/server-based administration tool capable of enterprise-wide site and user management
- VIEW Software – workstation-based operator program

Rapid Eye™ Multi-Media v7 Series

- 60 ips globally
- 16 channels of looping video inputs
- Internal storage capacity ranging from 500 to 6,250 camera days
- Optional CD-RW for clip generation and easy software upgrades
- 16 alarm inputs
- 8 control outputs
- 2 serial ports
- Fault relay: DPDT Form C relay
- Network interface: RJ45 10/100 Base T Ethernet
- Internal modem: V.90 multi-protocol
- Multi-site, single workstation license of ADMIN and VIEW software included
- Built-in POS or ATM data capture capability

NTSC - HRM60CD6250 (PAL SPECIAL ORDER)

Rapid Eye™ Multi-Media, 16 Channel, 60 ips, CD-RW, 1.0 TB Hard Drive, 6250 Camera Days Storage

NTSC - HRM60CD4500 (PAL SPECIAL ORDER)

Rapid Eye™ Multi-Media, 16 Channel, 60 ips, CD-RW, 750 GB Hard Drive, 4500 Camera Days Storage

NTSC - HRM66CD4000 I PAL - HRE66CD4000

Rapid Eye™ Multi-Media, 16 Channel, 66 ips, CD-RW, 750 GB Hard Drive, 4000 Camera Days Storage

DVRs | PC-BASED

NTSC - HRM60CD3000 (PAL SPECIAL ORDER)

Rapid Eye™ Multi-Media, 16 Channel, 60 ips, CD-RW, 480 GB Hard Drive, 3000 Camera Days Storage

NTSC - HRM60CD2000 | PAL - HRE66CD2000

Rapid Eye™ Multi-Media, 16 Channel, 60 ips, CD-RW, 320 GB Hard Drive, 2000 Camera Days Storage

NTSC - HRM60CD1000 | PAL - HRE66CD1000

Rapid Eye™ Multi-Media, 16 Channel, 60 ips, CD-RW, 160 GB Hard Drive, 1000 Camera Days Storage

NTSC - HRM60CD500 (PAL SPECIAL ORDER)

Rapid Eye™ Multi-Media, 16 Channel, 60 ips, CD-RW, 80 GB Hard Drive, 500 Camera Days Storage

NTSC - HRM60N6250 (PAL SPECIAL ORDER)

Rapid Eye™ Multi-Media, 16 Channel, 60 ips, 1.0 TB Hard Drive, 6250 Camera Days Storage

NTSC - HRM60N4500 (PAL SPECIAL ORDER)

Rapid Eye™ Multi-Media, 16 Channel, 60 ips, 750 GB Hard Drive, 4500 Camera Days Storage

NTSC - HRM66N4000 | PAL - HRE66N4000

Rapid Eye™ Multi-Media, 16 Channel, 66 ips, 750 GB Hard Drive, 4000 Camera Days Storage

NTSC - HRM60N3000 (PAL SPECIAL ORDER)

Rapid Eye™ Multi-Media, 16 Channel, 60 ips, 480 GB Hard Drive, 3000 Camera Days Storage

HRM60N2000 | PAL - HRE66N2000

Rapid Eye™ Multi-Media, 16 Channel, 60/66 ips, 320 GB Hard Drive, 2000 Camera Days Storage

HRM60N1000 | PAL - HRE66N1000

Rapid Eye™ Multi-Media, 16 Channel, 66 ips, 160 GB Hard Drive, 1000 Camera Days Storage

NTSC - HRM60N500 (PAL SPECIAL ORDER)

Rapid Eye™ Multi-Media, 16 Channel, 60 ips, 80 GB Hard Drive, 500 Camera Days Storage

Additional models are available depending on your exact requirements. For ordering information, visit www.honeywellvideo.com or contact Inside Sales at 1-800-796-2288.

DVRs | PC-BASED

RAPID EYE™ MULTI-MEDIA LT v7 SERIES

Rapid Eye™ Multi-Media LT Series is the 4 and 9 channel version of the Rapid Eye™ Multi-Media DVR Series. It provides the same powerful and intelligent features of the 16 channel Multi-Media Series in a smaller and more cost-effective design. The Rapid Eye™ Multi-Media LT is targeted at small to mid-size retail locations, commercial offices or high-end residential applications.

The Rapid Eye™ Multi-Media LT system consists of three components:

- Recorder Unit – featuring LocalView user interface that provides on-site video, audio, and data management capabilities and basic system and camera configuration
- ONEADMIN Software – workstation/server based administration tool
- VIEW Software – workstation-based operator program

Rapid Eye™ Multi-Media LT v7 Series

- 20 or 40 ips globally
- 4 or 9 channels of looping video input
- Internal storage capacity ranging from 200 to 2,000 camera days
- Optional CD-RW for clip generation and easy software upgrades
- 4 or 9 alarm inputs
- 4 control outputs
- 2 serial outputs
- Fault relay: DPDT Form C relay
- Network interface: RJ45 10/100 Base T Ethernet
- Internal modem: V.90 multi-protocol with 20 ips models only
- Single site and single workstation license of ONEADMIN and VIEW software included
- Built-in POS or ATM data capture capability

NTSC - HRM940CD2000 (PAL SPECIAL ORDER)

Rapid Eye™ Multi-Media LT, 9 Channel, 40 ips, 400 GB Hard Drive, CD-RW, 2000 Camera Days Storage

NTSC - HRM940CD1250 (PAL SPECIAL ORDER)

Rapid Eye™ Multi-Media LT, 9 Channel, 40 ips, 250 GB Hard Drive, CD-RW, 1250 Camera Days Storage

NTSC - HRMv 933CD1000 I PAL - HRE933CD1000

Rapid Eye™ Multi-Media LT, 9 Channel, 33 ips, 250 GB Hard Drive, CD-RW, 1000 Camera Days Storage

NTSC - HRM940CD800 (PAL SPECIAL ORDER)

Rapid Eye™ Multi-Media LT, 9 Channel, 40 ips, 160 GB Hard Drive, CD-RW, 800 Camera Days Storage

DVRs | PC-BASED

NTSC - HRM933CD640 | PAL - HRE933CD640
Rapid Eye™ Multi-Media LT, 9 Channel, 33 ips, 160 GB Hard Drive, CD-RW, 640 Camera Days Storage

NTSC - HRM940CD400 (PAL SPECIAL ORDER)
Rapid Eye™ Multi-Media LT, 9 Channel, 40 ips, CD-RW, 80 GB Hard Drive, 400 Camera Days Storage

NTSC - HRM920CD2000 (PAL SPECIAL ORDER)
Rapid Eye™ Multi-Media LT, 9 Channel, 20 ips, CD-RW, 400 GB Hard Drive, 2000 Camera Days Storage

NTSC - HRM920CD1250 (PAL SPECIAL ORDER)
Rapid Eye™ Multi-Media LT, 9 Channel, 20 ips, CD-RW, 250 GB Hard Drive, 1250 Camera Days Storage

NTSC - HRM916CD1000 | PAL - HRE916CD1000
Rapid Eye™ Multi-Media LT, 9 Channel, 16 ips, CD-RW, 250 GB Hard Drive, 1000 Camera Days Storage

NTSC - HRM920CD800 (PAL SPECIAL ORDER)
Rapid Eye™ Multi-Media LT, 9 Channel, 20 ips, CD-RW, 160 GB Hard Drive, 800 Camera Days Storage

NTSC - HRM916CD640 | PAL- HRE916CD640
Rapid Eye™ Multi-Media LT, 9 Channel, 16 ips, CD-RW, 160 GB Hard Drive, 640 Camera Days Storage

NTSC - HRM920CD400 (PAL SPECIAL ORDER)
Rapid Eye™ Multi-Media LT, 9 Channel, 20 ips, CD-RW, 80 GB Hard Drive, 400 Camera Days Storage

NTSC - HRM440CD2000 (PAL SPECIAL ORDER)
Rapid Eye™ Multi-Media LT, 4 Channel, 40 ips, CD-RW, 400 GB Hard Drive, 2000 Camera Days Storage

NTSC - HRM440CD1250 (PAL SPECIAL ORDER)
Rapid Eye™ Multi-Media LT, 4 Channel, 40 ips, CD-RW, 250 GB Hard Drive, 1250 Camera Days Storage

NTSC - HRM440CD800 (PAL SPECIAL ORDER)
Rapid Eye™ Multi-Media LT, 4 Channel, 40 ips, CD-RW, 160 GB Hard Drive, 800 Camera Days Storage

NTSC - HRM440CD400 (PAL SPECIAL ORDER)
Rapid Eye™ Multi-Media LT, 4 Channel, 40 ips, CD-RW, 80 GB Hard Drive, 400 Camera Days Storage

NTSC - HRM420CD2000 (PAL SPECIAL ORDER)
Rapid Eye™ Multi-Media LT, 4 Channel, 20 ips, CD-RW, 400 GB Hard Drive, 2000 Camera Days Storage

DVRs | PC-BASED

NTSC - HRM420CD1250 (PAL SPECIAL ORDER)
Rapid Eye™ Multi-Media LT, 4 Channel, 20 ips, CD-RW, 250 GB Hard Drive, 1250 Camera Days Storage

NTSC - HRM416CD1000 I PAL - HRE416CD1000
Rapid Eye™ Multi-Media LT, 4 Channel, 16 ips, CD-RW, 250 GB Hard Drive, 1000 Camera Days Storage

NTSC - HRM420CD800 (PAL SPECIAL ORDER)
Rapid Eye™ Multi-Media LT, 4 Channel, 20 ips, CD-RW, 160 GB Hard Drive, 800 Camera Days Storage

NTSC - HRM420CD400 (PAL SPECIAL ORDER)
Rapid Eye™ Multi-Media LT, 4 Channel, 20 ips, CD-RW, 80 GB Hard Drive, 400 Camera Days Storage

NTSC - HRM416CD320 I PAL- HRE416CD320
Rapid Eye™ Multi-Media LT, 4 Channel, 16 ips, CD-RW, 80 GB Hard Drive, 320 Camera Days Storage

DVRs | PC-BASED

RAPID EYE™ MULTI-MEDIA v8/v7 FIELD INSTALLABLE ACCESSORIES

HRMHD750GB-P8
v8 Programmed Hard Drive in Frame, 750 GB, 4687 Camera Days Capacity (for Rapid Eye™ Multi-Media DSP v8 only)

HRMHD500GB-P8
v8 Programmed Hard Drive in Frame, 500 GB, 3125 Camera Days Capacity (for Rapid Eye™ Multi-Media DSP v8 only)

HRMHD250GB-P8
v8 Programmed Hard Drive in Frame, 250 GB, 1562 Camera Days Capacity (for Rapid Eye™ Multi-Media DSP v8 only)

HRMHD750GB-P7
v7 Programmed Hard Drive in Frame, 750 GB, 4687 Camera Days Capacity (for Rapid Eye™ Multi-Media and Rapid Eye Multi-Media DSP v7)

HRMHD500GB-P7
v7 Programmed Hard Drive in Frame, 500 GB, 3125 Camera Days Capacity (for Rapid Eye™ Multi-Media and Rapid Eye Multi-Media DSP v7)

HRMHD250GB-P7
v7 Programmed Hard Drive in Frame, 250 GB, 1562 Camera Days Capacity (for Rapid Eye™ Multi-Media and Rapid Eye Multi-Media DSP v7)

HRMHD750GB
Blank Expansion Hard Drive in Frame, 750 GB, 4687 Camera Days Capacity (for Rapid Eye™ Multi-Media and Rapid Eye Multi-Media DSP v7)

HRMHD500GB
Blank Expansion Hard Drive in Frame, 500 GB, 3125 Camera Days Capacity (for Rapid Eye™ Multi-Media and Rapid Eye Multi-Media DSP v7)

HRMHD250GB
Blank Expansion Hard Drive in Frame, 250 GB, 1562 Camera Days Capacity (for Rapid Eye™ Multi-Media and Rapid Eye Multi-Media DSP v7)

HRMDVDRW
v8 DVD-RW Drive for Local Evidence Clip Generation (for Rapid Eye™ Multi-Media DSP v8)

HRMCDRW
v7 DVD-RW Drive for Local Evidence Clip Generation

HRMSLIDE
Filed Installable, Rack Mount Slide Kit

DVRs | PC-BASED

RAPID EYE™ MULTI-MEDIA v8/v7 SOFTWARE

HRM8ADMIN
v8 ADMIN & VIEW Software CD and User Manuals, Single Workstation License

HRM8VIEW
v8 VIEW Software CD and User Manuals, Single Workstation License

HRM8CLIP
v8 Rapid Eye Clip Player for Windows Software CD

HRM7ADMIN
v7 ADMIN & VIEW Software CD and User Manuals

HRM7VIEW
v7 VIEW Software CD and User Manual

HRM7CLIP
v7 Clip Player for Windows

RAPID EYE™ MULTI-MEDIA v8/v7 POS ACCESSORIES

HVBNETPITPOS
TCP/IP to RS232 Protocol Interface Translator for Point-of-Sale Data Capture

HVBPIT4POS
4 Channel RS232 Protocol Interface Translator for Point-of-Sale Data Capture

AVBPITPOS
Single Channel RS232 Protocol Interface Translator for Point-of-Sale Data Capture

HASMPIT
The SmartPIT™ (HASMPIT) is three products in one:

- **IP ATM interface text inserter** - extracts IP data from ATM receipts and forwards it to a Honeywell DVR for storage in order to correlate video of the transaction to text data from the ATM receipt
- **POS interface text inserter** - extracts ECR receipt data and forwards it to a DVR or IDM for storage in order to correlate video of the client and POS operator to text data of the POS transaction
- **PTZ protocol interface and translator** – Uses IntelliBus™ protocol to add a new ACUIX™ PTZ to existing VideoBloX systems and MAXPRO-Net CPU systems

DVRs | PC-BASED

FUSION III v3.6 SERIES

The Fusion III DVR Series expands beyond the analog DVR role. It is a full featured hybrid digital recording system that bridges the gap between DVRs and NVRs. The system is designed to record, search and transmit up to a total of 32 channels of analog and digital IP video sources, up to 16 channels of audio, and a single channel of data. Firmware release v3.5 adds many new enhancements that improve performance and make Fusion easier to operate and more effective.

The Fusion III v3.5 Series DVR offers these benefits:

- Increases accuracy of event detection and virtually eliminates false alarms
- Provides flexibility in camera choice by supporting a variety of IP cameras
- Improves accuracy by defining more precise motion detection regions
- Support for intelligent video or data analytics

Fusion III v3.6 Digital Video Recorder System

- Up to 16 channels digital IP
- Available with 8, 16 or 32 looping analog video inputs
- Global recording rates from 120/100 to 480/400 at CIF resolution (NTSC/PAL)
- Recording resolutions up to 720 x 480 (4CIF)
- Local live viewing on the real-time display models
- Internal storage capacity from 250 GB to 4 TB
- External storage options from 1 TB to 40 TB
- 16 sensor inputs and 16 control outputs
- Optional multiplexed or switched spot outputs
- 16 channels of audio standard on select models
- 10/100 network standard with 1 Gbps option
- Keyboard control of camera selection and PTZ control
- Windows XP® embedded operating system
- 8 or 16 sensor inputs
- User software included with each DVR
  - Fusion III Server Software - Local user interface
  - HFRVS Remote Software - Connect to a single DVR
  - HFVMS Remote Management Software – Connect to multiple DVRs
- Complete local and remote configuration
- New search-in-live mode feature
- Smart, preview and index searches
- Remote notification of alarm event and health check
- Integrated intelligent video analytics option
- Integrated POS/ATM with Honeywell's IDM software
- Access control integration to Honeywell's Pro-Watch® and WIN-PAK®
- Powerful API available for third party software integration

NEW Equip camera line integration, New motion smart search, Hjztp Integration, Wide Screen Display support, Enhanced logging, Microsoft active directory intergration, Clip Bookmarks.

DVRs | PC-BASED

NTSC - HF3248R4T0N (use N or A)* I PAL - HF3240R4T0N (use N or A)*
Fusion Digital Video Recorder, 32 Channel, 480/400 Ips, Real-time Live, DVD-RW, 4.0 TB

NTSC - HF3248R3T0N (use N or A)* I PAL - HF3240R3T0N (use N or A)*
Fusion Digital Video Recorder, 32 Channel, 480/400 Ips, Real-time Live, DVD-RW, 3.0 TB

NTSC - HF3248R2T0N (use N or A)* I PAL - HF3240R2T0N (use N or A)*
Fusion Digital Video Recorder, 32 Channel, 480/400 Ips, Real-time Live, DVD-RW, 2.0 TB

NTSC - HF3248R1T5N (use N or A)* I PAL - HF3240R1T5N (use N or A)*
Fusion Digital Video Recorder, 32 Channel, 480/400 Ips, Real-time Live, DVD-RW, 1.5 TB

NTSC - HF3248R1T0N (use N or A)* I PAL - HF3240R1T0N (use N or A)*
Fusion Digital Video Recorder, 32 Channel, 480/400 Ips, Real-time Live, DVD-RW, 1.0 TB

NTSC - HF3248R750N (use N or A)* I PAL - HF3240R750N (use N or A)*
Fusion Digital Video Recorder, 32 Channel, 480/400 ips, Real-time Live, DVD-RW, 750 GB

NTSC - HF3248R500N (use N or A)* I PAL - HF3240R500N (use N or A)*
Fusion Digital Video Recorder, 32 Channel, 480/400 ips, Real-time Live, DVD-RW, 500 GB

NTSC - HF3248R250N (use N or A)* I PAL - HF3240R250N (use N or A)*
Fusion Digital Video Recorder, 32 Channel, 480/400 ips, Real-time Live, DVD-RW, 250 GB

NTSC - HF3224R4T0N (use N or A)* I PAL - HF3220R4T0N (use N or A)*
Fusion Digital Video Recorder, 32 Channel, 240/200 ips, Real-time Live, DVD-RW, 3.0 TB

NTSC - HF3224R3T0N (use N or A)* I PAL - HF3220R3T0N (use N or A)*
Fusion Digital Video Recorder, 32 Channel, 240/200 ips, Real-time Live, DVD-RW, 4.0 TB

NTSC - HF3224R4T0N (use N or A)* I PAL - HF3220R4T0N (use N or A)*
Fusion Digital Video Recorder, 32 Channel, 240/200 ips, Real-time Live, DVD-RW, 3.0 TB

NTSC - HF3224R3T0N (use N or A)* I PAL - HF3220R1T0N (use N or A)*
Fusion Digital Video Recorder, 32 Channel, 240/200 ips, Real-time Live, DVD-RW, 4.0 TB

*The letter “N” at the end of the part number signifies field installed accessories. Order from accessories starting on page 104 and install the accessories in the field. The letter “A” at the end of the part number signifies Honeywell factory installed accessories. Order from the accessories on page 105 and Honeywell will install the accessories at the factory. (i.e. HF3248R2T0N = Field Installed Accessories, HF3248R2T0A = Honeywell Factory Installed Accessories).

DVRs | PC-BASED

NTSC - HF3224R1T0N (use N or A)* I PAL - HF3220R1T0N (use N or A)*
Fusion Digital Video Recorder, 32 Channel, 240/200 ips, Real-time Live, DVD-RW, 1.0 TB

NTSC - HF3224R750N (use N or A)* I PAL - HF3220RT0N (use N or A)*
Fusion Digital Video Recorder, 32 Channel, 240/200 ips, Real-time Live, DVD-RW, 750 GB

NTSC - HF3224R500N (use N or A)* I PAL - HF3220R500N (use N or A)*
Fusion Digital Video Recorder, 32 Channel, 240/200 ips, Real-time Live, DVD-RW, 500 GB

NTSC - HF3224R250N (use N or A)* I PAL - HF3220R250N (use N or A)*
Fusion Digital Video Recorder, 32 Channel, 240 ips, Real-time Live, DVD-RW, 250 GB

NTSC - HF1648R4T0N (use N or A)* I PAL - HF1640R4T0N (use N or A)*
Fusion Digital Video Recorder, 16 Channel, 480/400 ips, Real-time Live, DVD-RW, 4.0 TB

NTSC - HF1648R3T0N (use N or A)* I PAL - HF1640R3T0N (use N or A)*
Fusion Digital Video Recorder, 16 Channel, 480/400 ips, Real-time Live, DVD-RW, 3.0 TB

NTSC - HF1648R2T0N (use N or A)* I PAL - HF1640R2T0N (use N or A)*
Fusion Digital Video Recorder, 16 Channel, 480/400 ips, Real-time Live, DVD-RW, 2.0 TB

NTSC - HF1648R1T5N (use N or A)* I PAL - HF1640R1T5N (use N or A)*
Fusion Digital Video Recorder, 16 Channel, 480/400 ips, Real-time Live, DVD-RW, 1.5 TB

NTSC - HF1648R1T0N (use N or A)* I PAL - HF1640R1T0N (use N or A)*
Fusion Digital Video Recorder, 16 Channel, 480/400 ips, Real-time Live, DVD-RW, 1.0 TB

NTSC - HF1648R750N (use N or A)* I PAL - HF1640R750N (use N or A)*
Fusion Digital Video Recorder, 16 Channel, 480 ips, Real-time Live, DVD-RW, 750 GB

*The letter “N” at the end of the part number signifies field installed accessories. Order from accessories starting on page 104 and install the accessories in the field. The letter “A” at the end of the part number signifies Honeywell factory installed accessories. Order from the accessories on page 105 and Honeywell will install the accessories at the factory. (i.e. HF3248R2T0N = Field Installed Accessories, HF3248R2T0A = Honeywell Factory Installed Accessories).

DVRs | PC-BASED

NTSC - HF1648R500N (use N or A)* | PAL - HF1640R500N (use N or A)*
Fusion Digital Video Recorder, 16 Channel, 480/400 ips, Real-time Live, DVD-RW, 500 GB

NTSC - HF1648R250N (use N or A)* | PAL - HF1640R250N (use N or A)*
Fusion Digital Video Recorder, 16 Channel, 480/400 ips, Real-time Live, DVD-RW, 250 GB

NTSC - HF1624R4T0N (use N or A)* | PAL - HF1620R4T0N (use N or A)*
Fusion Digital Video Recorder, 16 Channel, 240/200 ips, Real-time Live, DVD-RW, 4.0 TB

NTSC - HF1624R3T0N (use N or A)* | PAL - HF1620R3T0N (use N or A)*
Fusion Digital Video Recorder, 16 Channel, 240/200 ips, Real-time Live, DVD-RW, 3.0 TB

NTSC - HF1624R2T0N (use N or A)* | PAL - HF1620R2T0N (use N or A)*
Fusion Digital Video Recorder, 16 Channel, 240/200 ips, Real-time Live, DVD-RW, 2.0 TB

NTSC - HF1624R1T5N (use N or A)* | PAL - HF1620R1T5N (use N or A)*
Fusion Digital Video Recorder, 16 Channel, 240/200 ips, Real-time Live, DVD-RW, 1.5 TB

NTSC - HF1624R1T0N (use N or A)* | PAL - HF1620R1T0N (use N or A)*
Fusion Digital Video Recorder, 16 Channel, 240/200 ips, Real-time Live, DVD-RW, 1.0 TB

NTSC - HF1624R750N (use N or A)* | PAL - HF1620R750N (use N or A)*
Fusion Digital Video Recorder, 16 Channel, 240/200 ips, Real-time Live, DVD-RW, 750 GB

NTSC - HF1624R500N (use N or A)* | PAL - HF1620R500N (use N or A)*
Fusion Digital Video Recorder, 16 Channel, 240/200 ips, Real-time Live, DVD-RW, 500 GB

NTSC - HF1624R250N (use N or A)* | PAL - HF1620R250N (use N or A)*
Fusion Digital Video Recorder, 16 Channel, 240/200 ips, Real-time Live, DVD-RW, 250 GB

*The letter “N” at the end of the part number signifies field installed accessories. Order from accessories starting on page 104 and install the accessories in the field. The letter “A” at the end of the part number signifies Honeywell factory installed accessories. Order from the accessories on page 105 and Honeywell will install the accessories at the factory. (i.e. HF3248R2T0N = Field Installed Accessories, HF3248R2T0A = Honeywell Factory Installed Accessories).

DVRs | PC-BASED

NTSC - HF1612R2T0N (use N or A)* I PAL - HF1610R2T0N (use N or A)*
Fusion Digital Video Recorder, 16 Channel, 120/100 ips, Real-time Live, DVD-RW, 2.0 TB

NTSC - HF1612R1T5N (use N or A)* I PAL - HF1610R1T5N (use N or A)*
Fusion Digital Video Recorder, 16 Channel, 120/100 ips, Real-time Live, DVD-RW, 1.5 TB

NTSC - HF1612R1T0N (use N or A)* I PAL - HF1610R1T0N (use N or A)*
Fusion Digital Video Recorder, 16 Channel, 120/100 ips, Real-time Live, DVD-RW, 1.0 TB

NTSC - HF1612R750N (use N or A)* I PAL - HF1610R750N (use N or A)*
Fusion Digital Video Recorder, 16 Channel, 120/100 ips, Real-time Live, DVD-RW, 750 GB

NTSC - HF1612R500N (use N or A)* I PAL - HF1610R500N (use N or A)*
Fusion Digital Video Recorder, 16 Channel, 120/100 ips, Real-time Live, DVD-RW, 500 GB

NTSC - HF1612R250N (use N or A)* I PAL - HF1610R250N (use N or A)*
Fusion Digital Video Recorder, 16 Channel, 120/100 ips, Real-time Live Display, DVD-RW, 250 GB

NTSC - HF161204T0N (use N or A)* I PAL - HF161004T0N (use N or A)*
Fusion Digital Video Recorder, 8 Channel, 120/100 ips, Real-time Live DVD-R-W. 4.0 TB

NTSC - HF161203T0N (use N or A)* I PAL - HF161003TON (use N or A)*
Fusion Digital Video Recorder, 8 Channel, 120/100 ips, Real-time Live DVD-R-W. 3.0 TB

NTSC - HF161202T0N (use N or A)* I PAL - HF161002T0N (use N or A)*
Fusion Digital Video Recorder, 16 Channel, 120/100 ips, DVD-R-W. 2.0 TB

NTSC - HF161201T5N (use N or A)* I PAL - HF161001T5N (use N or A)*
Fusion Digital Video Recorder, 8 Channel, 120/100 ips, DVD-R-W. 1.5 GB

The letter “N” at the end of the part number signifies field installed accessories. Order from accessories starting on page 104 and install the accessories in the field. The letter “A” at the end of the part number signifies Honeywell factory installed accessories. Order from the accessories on page 105 and Honeywell will install the accessories at the factory. (i.e. HF3248R2T0N = Field Installed Accessories, HF3248R2T0A = Honeywell Factory Installed Accessories).

DVRs | PC-BASED

NTSC - HF161201T0N (use N or A)* I PAL - HF161001T0N (use N or A)*
Fusion Digital Video Recorder, 16 Channel, 120/100 ips, DVD-RW, 1.0 TB

NTSC - HF16120750N (use N or A)* I PAL - HF16100750N (use N or A)*
Fusion Digital Video Recorder, 16 Channel, 120/100 ips, DVD-RW, 750 GB

NTSC - HF16120500N (use N or A)* I PAL - HF16100500N (use N or A)*
Fusion Digital Video Recorder, 16 Channel, 120/100 ips, DVD-RW, 500 GB

NTSC - HF16120250N (use N or A)* I PAL - HF16100250N (use N or A)*
Fusion Digital Video Recorder, 16 Channel, 120/100 ips, DVD-RW, 250 GB

NTSC - HF824R4T0N (use N or A)* I PAL - HF820R4T0N (use N or A)*
Fusion Digital Video Recorder, 8 Channel, 240/200 ips, Real-time Live, DVD-RW, 4.0 TB

NTSC - HF824R3T0N (use N or A)* I PAL - HF820R3T0N (use N or A)*
Fusion Digital Video Recorder, 8 Channel, 240/200 ips, Real-time Live, DVD-RW, 3.0 TB

NTSC - HF824R2T0N (use N or A)* I PAL - HF820R2T0N (use N or A)*
Fusion Digital Video Recorder, 8 Channel, 240/200 ips, Real-time Live, DVD-RW, 2.0 TB

NTSC - HF824R1T5N (use N or A)* I PAL - HF820R1T5N (use N or A)*
Fusion Digital Video Recorder, 8 Channel, 240/200 ips, Real-time Live, DVD-RW, 1.5 TB

NTSC - HF824R1T0N (use N or A)* I PAL - HF820R1T0N (use N or A)*
Fusion Digital Video Recorder, 8 Channel, 240/200 ips, Real-time Live, DVD-RW, 1.0 TB

NTSC - HF824R750N (use N or A)* I PAL - HF820R750N (use N or A)*
Fusion Digital Video Recorder, 8 Channel, 240/200 ips, Real-time Live, DVD-RW, 750 GB

*The letter “N” at the end of the part number signifies field installed accessories. Order from accessories starting on page 104 and install the accessories in the field. The letter “A” at the end of the part number signifies Honeywell factory installed accessories. Order from the accessories on page 104 and Honeywell will install the accessories at the factory. (i.e. HF3248R2T0N = Field Installed Accessories, HF3248R2T0A = Honeywell Factory Installed Accessories).

FUSION III v3.6 FACTORY INSTALLED ANALYTICS

Analytics Requires HF3HWUPGCPU Performance Upgrade Package

HAAPF
Fusion III v3.6 Video Analytics License - Active Alert® Premium Package

HAASF
Fusion III v3.6 Video Analytics License - Active Alert® Standard Package

HAABF
Fusion III v3.6 Video Analytics License - Active Alert® Base Package

HASIF
Fusion III v3.6 Video Analytics License - Smart Impressions® Package

HAACF
Fusion III v3.6 Video Analytics License - People Counter Package

- All of the above part numbers cannot be purchased separately and are available with the purchase of 120 ips, 240 ips or 480 ips real time display Fusion III v3.5, or as an upgrade to system with single channel of analytics previously purchased
- Up to 2 channels of ONE ONLY video analytics package
- All analytics packages require Factory Performance Upgrade option HF3HWUPGCPU
- Video analytics options are available with 240 IPS and 480 IPS real time
- Fusion III v3.5 configuration only

For Analytics ordering information, contact Sales Manager

DVRs | PC-BASED

FUSION III v3.6 SOFTWARE

HFVMS

Fusion Video Management Software, Workstation Based
Multi-site Central Station Monitoring

HFVMS* Video Management Software

- **Complete remote configuration and administration**
- **Remotely monitor video, audio and alarms**
- **Access and export recorded Video**
- **Create infinite customized user accounts**
- **Create romote backup schedules**
- **Create custom live camera views**
- **Configure Fusion DVRs remotely**
- **Picture included with e-mail alert**
- **Connect to multiple Fusion DVRs simultaneously**
- **Full screen pop-up on alarm**
- **Maps feature allows importing of .dxf, .jpg, .wmf and other formats**
- **Control cameras with advanced PTZ features**
- **POS search capabilities**
- **Live audio**
- **TCP/IP based**

HFVMSR

Fusion Video Management Software, Workstation Based
Multi-site Central Station Monitoring (Connects to Rapid Eye™ Multi-Media Recorders)

HF3LICNVR16*

Fusion Video Management Software, add 16 Channel NVR license upgrade

HF3LICNVR8*

Fusion Video Management Software, add 8 Channel NVR license upgrade

HF3LICNVR4*

Fusion Video Management Software, add 4 Channel NVR license upgrade

HF3LICNVR1

Fusion Video Management Software, add 1 Channel NVR license upgrade

HF3LICDATA

Fusion Video Management Software, add 1 Channel data license upgrade

HF3LICHYB16*

Fusion Hybrid License Converter, 16 Channel NVR

HF3LICHYB4*

Fusion Hybrid License Converter, 4 Channel NVR

*Requires HF3HWUPGCPU or HF3HWUPGCPUF

DVRs | PC-BASED

FUSION FIELD INSTALLABLE ACCESSORIES

Fusion External RAID 5 Array

- 4 TB and 5 TB External RAID 5 Array
- High Capacity Data Storage
- 3U Rackmount Chassis
- Triple Redundant Power Supply

HF3HWUPGCPUF

Fusion III Hardware Performance Package (Includes Dual Core CPU & 512MB Upgrade/ MEM Upgrade)

HF3HD500A

Fusion III Expansion Hard Drive with 500 GB Capacity

HF3HD250

Fusion III Expansion Hard Drive with 250 GB Capacity

HFDVR250UPG

Fusion II Removable Hard Drive, 250 GB Capacity

HFDVR32LOOP

Fusion II Hard Mount Expansion Panel, 32 Channel BNC Looping Output

HFDVRUSBM

External USB Modem for Dial-up Connectivity

DVRs | PC-BASED

FUSION FACTORY INSTALLED ACCESSORIES

HF3HWUPGCPU

Fusion III Hardware Performance Package (Includes Dual Core CPU & 512MB Upgrade / MEM Upgrade)

HFDVREXTR8T

External Storage, 8 TB, 3U Rackmount Chassis, Dual Host Channels, Triple Redundant Power Supply

HFDVREXTR5T

External Storage, 5 TB, 3U Rackmount Chassis, Dual Host Channels, Triple Redundant Power Supply

HFDVREXTR4T

External Storage, 4 TB, 3U Rackmount Chassis, Dual Host Channels, Triple Redundant Power Supply

HFDVREXT2T

2TB SCSI Non RAID External Storage, 2 TB, 1U Rack Mount Chassis, Removable Drive Bays

HFDVREXT1T

External Storage, 1.0 TB, SCSI Controller Included

HFDVRSCSI

Expansion Card, SCSI Adapter

HFDVRHDDUPG1

Fusion I Expansion Hard Drive, Internal with 250 GB Capacity

HFDVRHDDUPGC

Fusion I Hard Drive Controller Card to Accept 4th Hard Drive

HFDVRDVDRW

DVD-RW Burner for Local Evidence Clip Generation

DVRs | PC-BASED

HFDVR4VOUT

Expansion Card, 4 Channel Composite Output, Available in 12R, 240 and 480 Real Time Live Models Only

HF34VOUTM

4 Channel Composite Out MUX Expansion Card, 4 channels multiplexed composite output available for all Fusion III models only

HFDVR16AUDIO

Expansion Card, 16 Channel Analog Audio Input

- Standard with Fusion III 16 Channel, 480 ips versions HF1648RXXXX

HFDVRR5

Fusion II Expansion Card, Internal RAID-5 Controller

HFDVRR1

Expansion Card, Internal RAID-1 Controller

HF3R5

Fusion III Internal RAID5 Controller Expansion Card

HFDVRMEMUPG

Fusion I, II Memory Expansion, Additional 256 MB

HF3MEM512

Fusion III Memory Expansion, additional 512 MB

HF3GBNIC

Fusion III Expansion Card, GB Network Interface Card

HFDVRGBNIC

Fusion I, II Expansion Card, GB Network Interface Card

DVRs | EMBEDDED

Performance Series DVRs

The Performance Series DVRs meet all your requirements for quick and easy setup and operation. The embedded Linux operating system provides ultimate reliability for 24/7 recording. Express search enables the operator to quickly find the video evidence in times of urgent need. Web browser support enables remote live view and searching video stored in the DVR from a networked PC without having to load remote access software. Performance Series DVRs offer MPEG-4 video compression on 4, 8 or 16 channels with recording rates of up to 120 images per second. An internal DVD-RW and two USB 2.0 ports make it simple to share your data with other operators or law enforcement officials.

Our Performance Series offers

- 16 channel DVRs with 250, 500, 750 or 1,000 GB hard drive capacity
- 8 channel DVRs with 250, 500 or 750 GB hard drive capacity
- 4 channel DVRs with 250 or 500 GB hard drive capacity

Honeywell Part Number	Storage	Audio Channels	Monitor Outputs	IPS Recorded	Recording Resolution NTSC	Remote Users (Simultaneous)	Alarm Inputs/ Outputs
16 Looping Video Channels Performance Series DVRs							
HRDP16D250 I PAL - HRDP16D250X	250 GB	1 Line Input/ 1 Line Output	Main: VGA-1 Main: BNC-1 Main: SVideo Spot: 3	120 ips CIF 60 ips 2CIF 30 ips 4CIF	CIF: 352 x 240 2CIF: 704 x 240 4CIF: 704 x 480	Admin: 1 Watch & Search: 3	16/4
HRDP16D500 I PAL - HRDP16D500X	500 GB						16/4
HRDP16D750 I PAL - HRDP16D750X	750 GB						16/4
HRDP16D1000 I PAL - HRDP16D1000X	1 TB						16/4
8 Looping Video Channels Performance Series DVRs							
HRDP8D250 I PAL - HRDP8D250X	250 GB	1 Line Input/ 1 Line Output	Main: VGA-1 Main: BNC-1 Spot: 1	120 ips CIF 60 ips 2CIF 30 ips 4CIF	CIF: 352 x 240 2CIF: 704 x 240 4CIF: 704 x 480	Admin: 1 Watch & Search: 3	8/1
HRDP8D500 I PAL - HRDP8D500X	500 GB						8/1
HRDP8D750 I PAL - HRDP8D750X	750 GB						8/1
4 Looping Video Channels Performance Series DVRs							
HRDP4D250 I PAL - HRDP4D250X	250 GB	1 Line Input/ 1 Line Output	Main: VGA-1 Main: BNC-1 Spot: 1	120 ips CIF 60 ips 2CIF 30 ips 4CIF	CIF: 352 x 240 2CIF: 704 x 240 4CIF: 704 x 480	Admin: 1 Watch & Search: 3	4/1
HRDP4D500 I PAL - HRDP4D500X	500 GB						4/1

DVRs | EMBEDDED

HRXD

The HRXD Series is a high-performance DVR that can be integrated as a component of a complex multi-site surveillance system or operate as a stand-alone DVR for a wide range of surveillance applications requiring high performance recording capability and maximum storage capacity. HRXD combines the benefits of digital recording up to 240 ips NTSC and 240 ips PAL with the advanced processing of a multiplexer. Text insertion interface allows connectivity to ATMs and POS systems, making HRXD ideal for surveillance coverage of financial or retail outlets. The HRXD DVRs feature Honeywell's proprietary XtraStor compression technology that provides more storage on smaller media without sacrificing image quality – providing days, weeks, and even months of high-resolution video storage.

- Remote Administration Software (RASplus)
- WebGuard remote access via PC with Microsoft Internet Explorer
- Internal CD-RW and 3 USB ports for clip copy with viewer executable
- SCSI port for external storage
- Network 10/100Base

HRXD9/16 SERIES

High-performance 9/16 Channel Digital Video Recorder

- 9 or 16 looping inputs
- Up to 240 ips recording rate
- Long-term video storage using XtraStor technology
- Includes 4 audio input/1 audio output and 16 or 9 alarm inputs/outputs
- Front panel jog/shuttle and easy to use USB mouse (not included) operation
- Infrared remote control
- VGA or BNC and SVHS main monitor, 4 BNC spot outputs
- Text input for interface to ATMs and point-of-sale (POS) terminals
- Time synchronization between DVR and time server or other DVR
- PTZ dome control for a wide variety of protocols

NTSC - HRXD16D1000 (PAL SPECIAL ORDER)
16 channel, 1,000 GB

NTSC - HRXD16D750 | PAL - HRXD16D750X
16 channel, 750 GB

NTSC - HRXD16D500 | PAL - HRXD16D500X
16 channel, 500 GB

NTSC - HRXD16D250 | PAL - HRXD16D250X
16 channel, 250 GB

NTSC - HRXD9D500 | PAL - HRXD9D500X
9 channel, 500 GB

NTSC - HRXD9D250 | PAL - HRXD9D250X
9 channel, 250 GB

HRXDRC
Spare IR Remote Controller, HRXD

DVRs | EMBEDDED

HRSD

The HRSD Series is an economically priced DVR that can be integrated as a component of a complex multi-site surveillance system or operate as a standalone DVR for a wide range of surveillance applications. HRSD combines the benefits of digital recording up to 120 ips NTSC and 100 ips PAL with the advanced processing of a multiplexer. Text insertion interface allows connectivity to ATMs and POS systems, making HRSD ideal for surveillance coverage of financial or retail outlets. The HRSD DVRs feature Honeywell's proprietary XtraStor compression technology that provides more storage on smaller media without sacrificing image quality – providing days, weeks, and even months of high-resolution video storage.

HRSD8/16 SERIES

Economical 8/16 Channel Digital Video Recorder

- 8 or 16 looping inputs
- Up to 120 ips record rate
- Long-term video storage using XtraStor technology
- Includes 2 audio input/1 audio output and 16 or 8 alarm inputs/2 outputs
- Front panel control and easy to use USB mouse (not included) operation
- VGA or BNC main monitor, 1 BNC spot output
- Text input for interface to ATMs and point-of-sale (POS) terminals
- Time synchronization between DVR and time server or other DVR
- PTZ dome control for a wide variety of protocols
- Remote Administration Software (RASplus)
- Internal CD-RW and 2 USB ports for clip copy with viewer executable
- Network 10/100Base

NTSC - HRSD16C500 | PAL - HRSD16C500X
16 Channel, 500 GB

NTSC - HRSD16C250 | PAL - HRSD16C250X
16 Channel, 250 GB

NTSC - HRSD8C250 | PAL - HRSD8C250X
8 Channel, 250 GB

DVRs | EMBEDDED

HRSD4

Economical 4 Channel Digital Video Recorder

The HRSD4F250 DVR is an economically priced 4 channel DVR that can be integrated as a component of a complex multi-site surveillance system or operate as a standalone DVR for small systems with up to 4 cameras. Text insertion interface allows connectivity to ATMs and POS systems, making the HRSD4 ideal for surveillance coverage of small financial or retail outlets. HRSD combines the benefits of digital recording up to 120 ips NTSC and 100 ips PAL with the advanced processing of a multiplexer. The HRSD DVRs feature Honeywell's proprietary XtraStor compression technology that provides more storage on smaller media without sacrificing image quality – providing days, weeks, and even months of high-resolution video storage.

- 4 looping inputs
- Up to 120 ips record rate
- Long-term video storage using XtraStor technology
- Includes 1 audio input/1 audio output and 4 alarm inputs/2 outputs
- Easy to use front panel controls
- Infrared remote control
- VGA or BNC main monitor/sequence monitor
- Text input for interface to ATMs and point-of-sale (POS) terminals
- Time synchronization between DVR and time server or other DVR
- PTZ dome control for a wide variety of protocols
- Remote Administration Software (RASplus)
- 1 USB port for clip copy with viewer executable
- Network 10/100Base

NTSC - HRSD4F250 | PAL - HRSD4F250X
4 Channel, 250 GB

HRSD4RC
Spare IR Remote Controller

DVRs | EMBEDDED

HRDE 4x4

The HRDE 4x4 boasts a wide range of features, including a small, elegant desktop case design and intuitive front panel controls for easy installation and operation. The HRDE 4x4 is an MPEG-4 digital recorder for corner stores, small businesses, and other facilities requiring monitoring of up to four areas of interest with a single recorder. Honeywell's HRDE 4x4 meets the demand for a cost-effective surveillance solution that delivers quality performance of more expensive models.

HRDE

4 Channel Digital Video Recorder

- 4 video channels
- 4 audio channels
- MPEG-4 inter-frame compression
- USB port for evidence retrieval and software upgrades
- Recording resolution up to 720 x 480
- Up to 120 ips record rate
- Analog (NTSC/PAL) and RGB (VGA monitor)

NTSC - HRDE4F160 | PAL - HRDE4F160X

4 Channel Digital Video Recorder, 160 GB Hard Drive

NTSC - HRDE4F80 | PAL - HRDE4F80X

4 Channel Digital Video Recorder, 80 GB Hard Drive

HRDE 4X4 ACCESSORIES

HRDE4RC

IR Addressable Remote Control, HRDE 4x4

HRDE4PSKT

HRDE 4x4 Replacement Power Supply Kit

DVRs | EMBEDDED

HRDV

Honeywell's HRDV is one of our premier digital video recorders, featuring secure, high resolution, robust video storage and built in text insertion capabilities. Designed to meet the stringent demands of today's security professional, Honeywell's HRDV includes upgradeable storage capacity and flexible access options, which enables the DVR to 'scale up' as required. The HRDV offers:

- True duplex operations – allows reviewing live or recorded video without stopping record mode
- Real time operating system for reliable 24/7 operation
- Event reporting and multi-zone motion detection
- Point-of-Sale and ATM text monitoring capabilities
- Email alert for alarm notification

HRDV

- 8 and 16 channels up to 1.6 TB
- HRDV16 record speed of up to 60 ips (NTSC); 50 ips (PAL)
- HRDV8 record speed of up to 30 ips (NTSC); 25 ips (PAL)
- Remote management via LAN/WAN, DSL or PSTN using Remote Access Software (RAS)
- Event reporting and multi-zone motion detection
- Email Alert; automatic alarm notification over TCP/IP networks
- Covert operation to hide display of selected cameras
- Verify original picture integrity with image authentication process

NTSC - HRDV16 | PAL - HRDV16X

HRDV 16 Channel Duplex Digital Recorder without Hard Drive

HRDV16F1200 (PAL Special Order)

HRDV 16 Channel Duplex Digital Recorder with 3 X 400 GB Fixed EIDE Hard Drive

NTSC - HRDV16F1000 | PAL - HRDV16F1000X

HRDV 16 Channel Duplex Digital Recorder with 4 X 250 GB Fixed EIDE Hard Drive

DVRs | EMBEDDED

NTSC - HRDV16F750 I PAL - HRDV16F750X

HRDV 16 Channel Duplex Digital Recorder with 3 X 250 GB Fixed EIDE Hard Drive

NTSC - HRDV16F500 I PAL - HRDV16F500X

HRDV 16 Channel Duplex Digital Recorder with 2 X 250 GB Fixed EIDE Hard Drive

NTSC - HRDV16F250 I PAL - HRDV16F250X

HRDV 16 Channel Duplex Digital Recorder with 1 X 250 GB Fixed EIDE Hard Drive

NTSC - HRDV16C I PAL - HRDV16CX

HRDV 16 Channel Duplex Digital Recorder with CD-RW Drive and No Hard Drive

NTSC - HRDV16C1200 I PAL - HRDV1C1200X

HRDV 16 Channel Duplex Digital Recorder with 3 X 400 GB Fixed EIDE Hard Drive and Internal CD-RW

NTSC - HRDV16C750 I PAL - HRDV16C750X

HRDV 16 Channel Duplex Digital Recorder with 3 X 250 GB Fixed EIDE Hard Drive and Internal CD-RW

NTSC - HRDV16C500 I PAL - HRDV16C500X

HRDV 16 Channel Duplex Digital Recorder with 2 X 250 GB Fixed EIDE Hard Drive and Internal CD-RW

NTSC - HRDV16C250 I PAL - HRDV16C250

HRDV 16 Channel Duplex Digital Recorder with 1 X 250 GB Fixed EIDE Hard Drive and Internal CD-RW

NTSC - HRDV16R800 I PAL - HRDV16R800X

HRDV 16 Channel Duplex Digital Recorder with 1 X 400 GB Fixed EIDE Hard Drive and 1 x 400 GB Removable Hard Drive

DVRs | EMBEDDED

NTSC - HRDV16R500 I PAL - HRDV16R500X

HRDV 16 Channel Duplex Digital Recorder with 1 X 250 GB Fixed EIDE Hard Drive and 1 x 250 GB Removable Hard Drive

NTSC - HRDV8 I PAL - HRDV8X

HRDV 8 Channel Duplex Digital Recorder without Hard Drive

NTSC - HRDV8F1000 I PAL - HRDV8F1000X

HRDV 8 Channel Duplex Digital Recorder with 4 X 250 GB Fixed EIDE Hard Drive

NTSC - HRDV8F750 I PAL - HRDV8F750X

HRDV 8 Channel Duplex Digital Recorder with 3 X 250 GB Fixed EIDE Hard Drive

NTSC - HRDV8F500 I PAL - HRDV8F500X

HRDV 8 Channel Duplex Digital Recorder with 2 X 250 GB Fixed EIDE Hard Drive

NTSC - HRDV8F250 I PAL - HRDV8F250X

HRDV 8 Channel Duplex Digital Recorder with 1 X 250 GB Fixed EIDE Hard Drive

NTSC - HRDV8C I PAL - HRDV8CX

HRDV 8 Channel Duplex Digital Recorder with CD-RW Drive and No Hard Drive

NTSC - HRDV8C750 I PAL - HRDV8C750X

HRDV 8 Channel Duplex Digital Recorder with 3 X 250 GB Fixed EIDE Hard Drive and Internal CD-RW

NTSC - HRDV8C500 I PAL - HRDV8C500X

HRDV 8 Channel Duplex Digital Recorder with 2 X 250 GB Fixed EIDE Hard Drive and Internal CD-RW

NTSC - HRDV8C250 I PAL - HRDV8C250X

HRDV 8 Channel Duplex Digital Recorder with 1 X 250 GB Fixed EIDE Hard Drive and Internal CD-RW

NTSC - HRDV8R800 I PAL - HRDV8R800X

HRDV 8 Channel Duplex Digital Recorder with 1 X 400 GB Fixed EIDE Hard Drive and 1 x 400 GB Removable Hard Drive

NTSC - HRDV8R640 I PAL - HRDV8R640X

HRDV 8 Channel Duplex Digital Recorder with 3 X 160 GB Fixed EIDE Hard Drive and 1 x 160 GB Removable Hard Drive

DVRs | EMBEDDED

NTSC - HRDV8R500 I PAL - HRDV8R500X

HRDV 8 Channel Duplex Digital Recorder with 1 X 250 GB Fixed EIDE Hard Drive and 1 X 250 GB Removable Hard Drive

NTSC - HRDV8R480 I PAL - HRDV8R480X

HRDV 8 Channel Duplex Digital Recorder with 2 X 160 GB Fixed EIDE Hard Drive and 1 x 160 GB Removable Hard Drive

HRDV ACCESSORIES

HRDVMOD

PCMCIA Modem Card for Phone Line Connection (Inserts into Back Panel)

Note: Applicable to HRDV and HRDVS

HRDVNET

PCMCIA Network Card for TCP/IP Ethernet Connection (Inserts into Back Panel)

Note: Applicable to HRDV and HRDVS

HRDVDUK

Drive Upgrade Kit and Mounting Hardware and Cables

HRDVBT

EIDE Drive Bay and Tray (No Hard Drive)

HRDVH80

80 GB EIDE Hard Drive

HRDVH160

160 GB EIDE Hard Drive

HRDVH250

250 GB EIDE Hard Drive

HRDVH400

400 GB EIDE Hard Drive

HRDVCDRW

Internal EIDE CD-RW: Compatible with HRDV Only

DVRs | EMBEDDED

HRDVS

HRDVS features secure, high-resolution video and audio recording combined with text insertion in simplex format. Everything you need to monitor the security needs of your daily business transactions is offered in Honeywell's HRDVS, including:

- Programmable time lapse, motion, alarm, and text recording
- Remote management via LAN/WAN, DSL, or PSTN using Remote Access Software (RAS)
- Remote duplex operation via RAS
- Real-time operating system for reliable 24/7 operation
- Point-of-Sale and ATM text monitoring capabilities

HRDVS

- 1, 4, 8 and 16 channel models
- Programmable time lapse, motion, alarm and text recording
- HRDVS1 record speed of up to 60 ips (NTSC); 50 ips (PAL)
- HRDVS4, HRDVS8 and HRDVS16 record speed of up to 15 ips (NTSC); 12.5 ips (PAL)
- Remote management via LAN/WAN, DSL or PSTN using Remote Access Software (RAS)
- Remote duplex operation via RAS
- QNX real-time operating system for reliable 24/7 operation
- Point-of-Sale/ATM text monitoring

NTSC - HRDVS16 | PAL - HRDVS16X
HRDVS 16 Channel Digital Recorder without Hard Drive

NTSC - HRDVS16F500 | PAL - HRDVS16F500X
HRDVS 16 Channel Digital Recorder with 2 X 250 GB Fixed EIDE Hard Drive

NTSC - HRDVS16F250 | PAL - HRDVS16F250X
HRDVS 16 Channel Digital Recorder with 1 X 250 GB Fixed EIDE Hard Drive

DVRs | EMBEDDED

NTSC - HRDVS8 I PAL - HRDVS8X
HRDVS 8 Channel Digital Recorder without Hard Drive

NTSC - HRDVS8F500 I PAL - HRDVS8F500X
HRDVS 8 Channel Digital Recorder with 2 X 250 GB Fixed EIDE Hard Drive

NTSC - HRDVS8F250 I PAL - HRDVS8F250X
HRDVS 8 Channel Digital Recorder with 1 X 250 GB Fixed EIDE Hard Drive

NTSC - HRDVS4 I PAL - HRDVS4X
HRDVS 4 Channel Digital Recorder without Hard Drive

NTSC - HRDVS4F500 I PAL - HRDVS4F500X
HRDVS 4 Channel Digital Recorder with 2 X 250 GB Fixed EIDE Hard Drive

NTSC - HRDVS4F250 I PAL - HRDVS4F250X
HRDVS 4 Channel Digital Recorder with 1 X 250 GB Fixed EIDE Hard Drive

NTSC - HRDVS1 I PAL - HRDVS1X
HRDVS Single Channel Digital Recorder without Hard Drive

NTSC - HRDVS1F500 I PAL - HRDVS1F500X
HRDVS Single Channel Digital Recorder with 2 X 250 GB Fixed EIDE Hard Drive

NTSC - HRDVS1F250 I PAL - HRDVS1F250X
HRDVS Single Channel Digital Recorder with 1 X 250 GB Fixed EIDE Hard Drive

Systems and System Accessories

Honeywell understands that large, complex projects require advanced and scalable surveillance systems that are equipped to handle numerous channels of analog and digital video streams. Honeywell's systems and system accessories include IP networked video systems and analog matrix switches, as well as keyboards, controllers and graphic user interfaces

that help operators manage these systems. As more companies transition to digital video and upgrade their surveillance capabilities, Honeywell is committed to continuing its investment in developing innovative IP and networked technologies.

THIS SECTION INCLUDES:

IP Solutions: Network Video Systems

Matrix Switching Systems

Keyboards

Controllers

Accessories

Systems and System Accessories

We understand large projects—like casinos, airports, industrial, correctional facilities, and enterprise corporate sites—and the special challenges they present. Our systems and system accessories provide you with the advanced features, functionality, and flexible configurations that these environments require, while ensuring they are easy-to-install, easy-to-use and cost-effective.

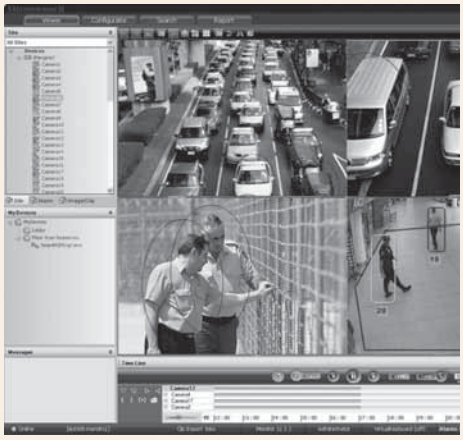
Benefits:

- Enables management and processing of larger environments with numerous cameras and/or with multiple users
- Leverages standard IP networks for system communication
- Modular system, that allows scalability and expandability
- Adds intelligence and processing capabilities

Systems & System Accessories

IP SOLUTIONS: NETWORK VIDEO SYSTEMS

Honeywell's IP solutions include a range of software and hardware products that enable users to design a robust enterprise class video management system to meet a wide variety of requirements. Our IP solutions include Honeywell Video Management System, Digital Video Manager, and Enterprise Network Video Recorders, which are used in some of the world's largest digital security systems.



HVMS Client Viewer 2x2

HVMS Client Viewer 4x4

Honeywell Video Management System

Honeywell Video Management System (HVMS) is the latest innovation in the field of video surveillance. HVMS controls multiple sources of video subsystems in a facility to collect, manage and present video in a clear and concise manner. The end result allows an operator to experience video security with maximum efficiency and minimum effort. With HVMS, we're redefining security using an open architecture that integrates seamlessly with existing video infrastructures and a multitude of third-party components.

- Single command and control interface – enables efficient operation of video devices.
- Analog switchers such as MAXPRO-Net and VideoBloX are connected to analog components (e.g. monitors, cameras, and digital recorders), which are then connected to digital and IP cameras that reside in a single surveillance network
- Digital and analog components can be configured and operations performed from the single user interface or GUI
- Role-based operator privileges for executing surveillance commands and operator messaging allows sharing of data and incidents
- Client-server architecture is highly scalable – allowing the expansion or downsizing of a video surveillance network as required
- Integrates with multiple Honeywell enterprise systems, including Pro-Watch® security management system, Active Alert® and People Counter video analytics, Integrated Data Manager (IDM), and intrusion control panels
- Network-ready and IT-friendly open architecture supports third-party components

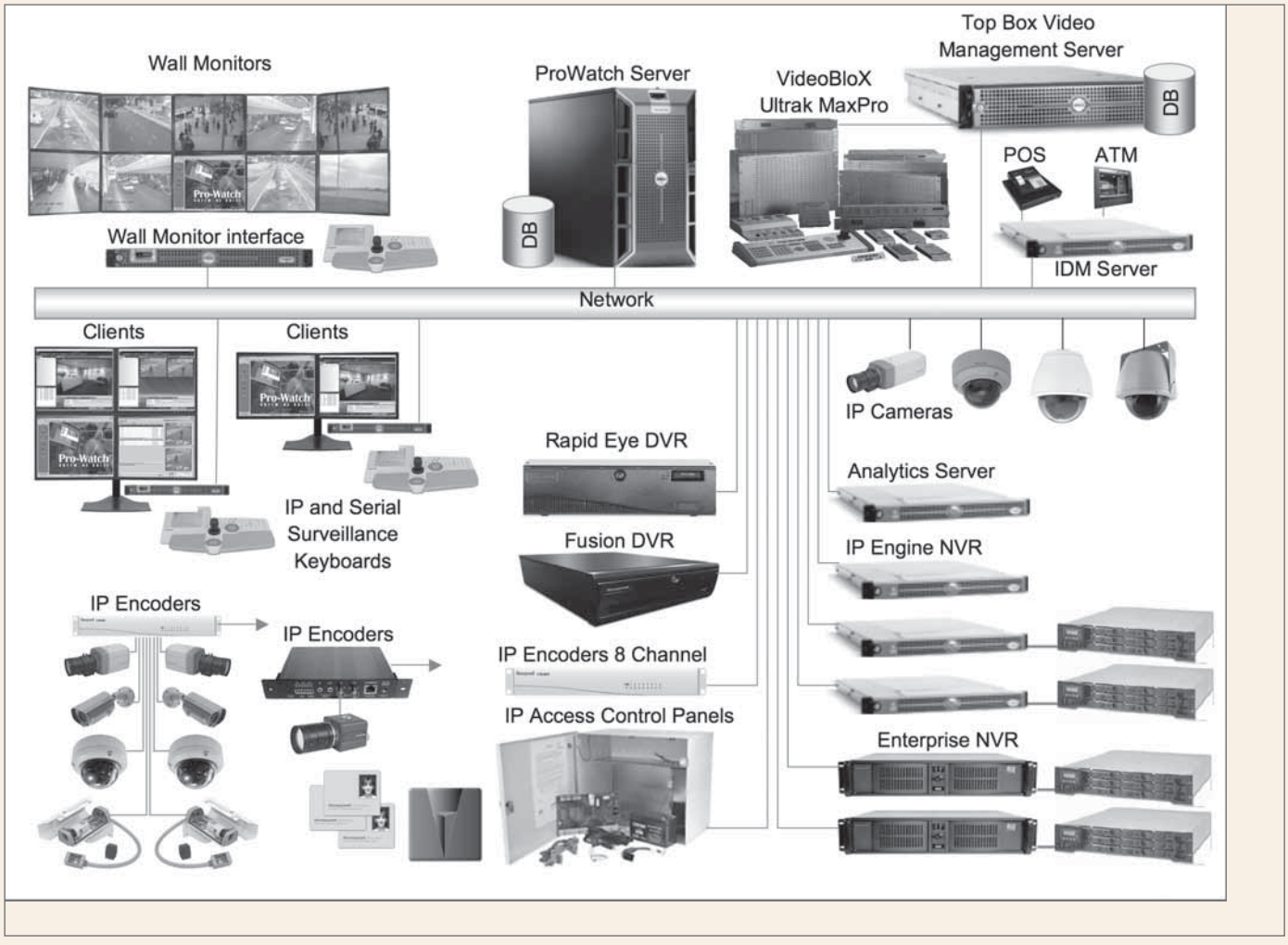
Systems & System Accessories

Honeywell Video Management System Architecture

HVMS is based on client-server architecture for maximum customization and integration. The HVMS client enables the monitoring of sites and the configuration of video devices such as cameras, monitors, keyboards, etc. The HVMS server consists of the Trinity framework controller and database, and other core components.

The following diagram illustrates the HVMS architecture and associated components:

HVMS Architecture



For ordering information contact Sales Manager

Systems & System Accessories

IP SOLUTIONS: NETWORK VIDEO SYSTEMS

DIGITAL VIDEO MANAGER (DVM)

Honeywell's Digital Video Manager is a distributed IP-based open architecture video management system leveraging standard IP networks. It is a stand alone system that is also integrated into Honeywell's Pro-Watch access control software as well as other third party systems.

- Uses commercial off-the-shelf (COTS) Intel and Windows® based PC systems for scalability
- Microsoft SQL server – uses standard database software to enable tracking of all video clips, system events and settings
- Intelligent Recording – allows for scheduled, event, operator initiated, and motion detection triggered recording
- Advanced Video Intelligence Software – enables intelligent outdoor motion detection, object tracking, and object classification
- Scalability – enables 1 to thousands of cameras
- Internet Explorer (IE) Clients – allows any computer with IE to be a client
- Supports a wide range of IP cameras and digital encoders

HNVE130A

Single Channel Network Video Encoder

Honeywell's Network Video Encoder (HNVE130A) is the ideal real-time, high resolution digital encoder using MPEG-4 up to full D1 resolution for upgrading existing analog video systems to a networked IP video solution. This is an integral component to Honeywell's Digital Video Manager (DVM).

EQUIP™ SERIES OF IP CAMERAS

Honeywell's EQUIP™ Series of IP cameras are available in PTZ, mini-dome and box styles. EQUIP Series provides professional grade cameras with 4CIF MPEG-4 images at 30 fps. All of the fixed cameras support Power over Ethernet and 12 VDC/24 VAC. Additional functionality includes Wide Dynamic Range and True Day/Night options, 470 TVL to 540 TVL, analog video out, alarm in/out, and Camera Sabotage Detection.

Systems & System Accessories

MATRIX SWITCHING PRODUCTS

Matrix switchers are video managing devices that can allow full crosspoint switching of sources such as cameras and decoded digital video streams for display on video monitors. Switchers allow for control of PTZ cameras from multiple manufacturers through a single system, and also enable customizable alarm and device control scenarios by simple relay or complex serial interfaces. Matrix switchers help integrate other security solutions such as access control and fire and building controls. They can be used in large and small applications where numerous cameras, PTZ domes, monitors, DVRs and other video peripherals are managed – whether the system is local or distributed over a wide area and networked by multiple users.

Honeywell is a global leader in matrix switch development and offers two established system controllers: the MAXPRO-Net enterprise class-based system controller and the VideoBloX embedded CPU controller. Both system controllers utilize the high density Honeywell Matrix platform for switching and control hardware.

MAXPRO-Net Enterprise Level Matrix Switching

The MAXPRO-Net system is an enterprise level matrix switching system that is an intelligent, highly expandable, CCTV management system.

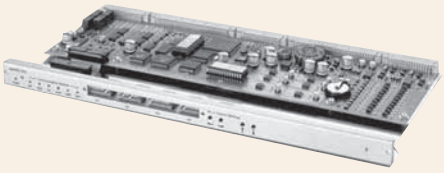
With unparalleled flexibility and reliability, the MAXPRO-Net is well suited for analog matrix environments that require interfacing with existing and future digital NVRs and the flexibility of an extremely powerful macro language.

- Up to 30,000 inputs and 999 outputs on a single node, up to 999 nodes
- Honeywell's UltraKey support over Ethernet and RS232
- Remote diagnostic monitoring over Ethernet
- Remote control to satellite matrix switchers-Ethernet or RS232
- 9999 alarm inputs and outputs
- Control for PTZ cameras from Honeywell and most other major manufacturers
- Powerful macro language allows for complete flexibility in cus tomizing system response to events and custom integration
- High-level interface for integration with third party switchers, digital recording equipment, access control, and alarm management systems
- Modular system allows easy system expansion to protect initial investment
- MAXPRO-Net CPU controls both Legacy MAX-1000 and the ultra compact VideoBloX switching and control hardware
- Full CPU redundancy is available using the MegaPIT auto changeover and port expander unit
- MAXPRO-Net graphics platform (MGP Net) available for control from a PC through mapping and icons

For ordering information contact Sales Manager

Systems & System Accessories

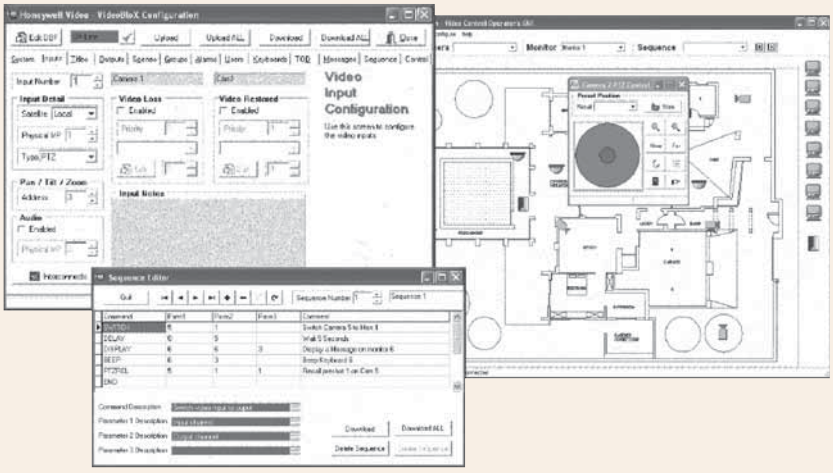
MATRIX SWITCHING SYSTEMS



VideoBloX Embedded CPU

The VideoBloX embedded CPU is a fully featured, solid state matrix controller for the VideoBloX switching and control hardware. VideoBloX fits applications where a robust embedded controller is required.

- Create systems as large as 1,248 video inputs and 256 outputs with a single CPU
- Up to 15 network nodes can be configured allowing for remote control of remote nodes using RS422 and Ethernet.
- Up to 32 keyboards (HEGS5BLX) and 256 alarm inputs or outputs
- Compatible with PTZ domes, DVRs and multiplexers from Honeywell and most other major manufacturers
- Configured by a simple Windows-based Configurator Application (VideoCFG)
- Powerful yet easy to use, 1024x25 step sequence engine for customizing system events
- Graphical User Interface control (VideoGUI) available



Systems & System Accessories

VideoBloX Hardware Switching and Control Platform

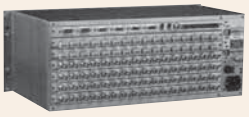
VideoBloX is a high capacity video and audio matrix switching and control hardware platform. System control is either by the MAXPRO-Net system controller or the VideoBloX embedded CPU. VideoBloX offers a high density, compact design that requires smaller rack space than competitive systems.

- Single 12U VideoBloX chassis supports 304 inputs by 64 outputs, or typical 336x64 “Interlink” bay
- 2U, 4U, 8U and 12U chassis sizes available
- All chassis except 2U support a 64-channel output bus
- Plug and play, hot swappable modules minimize downtime and maintenance
- Each module has its own processor for true distributed processing
- Hardware supports systems as large as 16,384 video inputs and 1,024 outputs
- Video input can be either composite video (BNC) or twisted pair (UTP-RJ45) directly into the matrix with loop out.
- Video output modules overlay system titling in a 12 line by 24 character array (coming soon is an 18 line by 44 character array with changeable fonts and multi-language character support)
- Stainless steel fabrication provides excellent grounding and heat dissipation
- “Interlink” topology allows for distributed matrix switching over short or long distances
- Redundant power supply for chassis
- Control provided for PTZ domes from Honeywell and most other major manufacturers

For ordering information contact Sales Manager

TWISTED PAIR INPUT RJ45, BNC LOOP OUT

BNC OR RIBBON VIDEO IN / LOOP OUT



Systems & System Accessories

MATRIX SWITCHING SYSTEMS

VideoBloX Lite

The VideoBloX Lite series is a smaller, pre-configured version of the VideoBloX matrix system offering high quality images and near broadcast performance for up to 96 video inputs and 8 video outputs. Since the entire system is designed on a modular approach, users can configure their systems to suit a wide variety of applications.

- High density design occupies smaller rack space with fewer interconnects
- Embedded CPU controller ensures robust and reliable operation
- Plug and play, hot swappable modules minimize downtime and maintenance
- Protocol interface translators provide control to PTZ domes, DVRs, and multiplexers from Honeywell as well as most other manufacturers
- Hardware platform allows for future upgradeability to VideoBloX embedded CPU or MAXPRO-Net
- Configured by a simple Windows-based Configurator Application (VideoCFG)
- Powerful yet easy to use 1024x25 step sequence engine for customizing system events
- Graphical User Interface control (VideoGUI) available

Refer to VideoBloX Lite ordering chart on page 125.

Systems & System Accessories

VideoBloX Lite Ordering Chart

Inputs	Outputs	Chassis	Part Number
16	8	2U	HVBLT2U16X8
		2U, Looping	HVBLT2U16X8L
		4U	HVBLT4U16X8
		4U, Looping	HVBLT4U16X8L
32	8	2U	HVBLT2U32X8
		4U	HVBLT4U32X8
		4U, Looping	HVBLT4U32X8L
48	8	4U	HVBLT4U48X8
		4U, Looping	HVBLT4U48X8L
64	8	4U	HVBLT4U64X8
80	8	4U	HVBLT4U80X8
96	8	4U	HVBLT4U96X8

Systems & System Accessories

MATRIX SWITCHING SYSTEMS

HMAX082-US and HMAX162-US

MaxCom Gold Matrix Switcher and Keyboard Controller

The MaxCom Gold Series of matrix switchers and keyboard represents the most cost-effective solution for CCTV systems with up to 16 cameras available. Ease-of-use and comprehensive dome control are just two elements of the system's strengths while delivering exceptional levels of performance into any smaller scale CCTV system.

- 16 camera inputs, 2 monitor outputs or 8 camera inputs, 2 monitor outputs
- 16 alarm inputs
- Twisted pair and coaxial telemetry control
- 2 operator profiles
- Up to 2 HKJMMTP keyboards

KSS08T1U

Video Auto Switcher

The KSS08T1U is a low cost, desktop video auto switcher that allows up to 8 video inputs from cameras, multiplexers or DVRs to be displayed sequentially to a single video output monitor, DVR or other output device.

Systems & System Accessories | KEYBOARDS

KEYBOARDS

Keyboards are a critical component of the matrix switching system, enabling better control, ease-of-use, and access to all the functionality of the matrix switch systems.

HEGSA002 UltraKey

Matrix System Programmable Keyboard with LCD Touch Screen Display

UltraKey is a fully programmable keyboard controller with touch screen LCD that offers unparalleled control and ease-of-use to reduce training requirements and improves operator efficiency and response times. UltraKey allows operators to fully customize direct control and selection of any function within the video management system.

- Fully programmable with customized menus
- PTZ joystick with integral zoom and jog/shuttle control
- 320x240 backlit LCD touch screen
- RS422, RS485 and Ethernet interface options
- MAX and Honeywell NVR compatibility

HEGS5300

Keyboard for MAX and *mini*MAX Matrix Systems

The HEGS5300 is a fully programmable keyboard with a three dimensional joystick for MAXPRO-Net.

- 101 fully programmable keys
- Three-dimensional, rate-proportional joystick
- 1-99 keyboard IDs available
- RS232 connection to MAX
- Custom overlays for improved ease-of-use
- LCD display for menu set up and improved control

HEGS5BLXKT

VidoeBloX Keyboard

The HEGS5BLX is a keyboard controller for Honeywell Video's VideoBloX range of video matrix switching and control equipment.
The HEGS5BLX only works in slave mode and cannot be used to control telemetry equipment in stand alone mode.

Systems & System Accessories | CONTROLLERS

CONTROLLERS

Video peripheral control is managed by intelligent keyboard controllers that interface directly to PTZ domes, DVRs or multiplexers. These devices offer a unified approach interface to manage various video peripherals that are remotely located from the operator.

NTSC - HJZTP | PAL - HJZTPX

Joystick Telemetry Controller

HJZTP represents the latest advancement of telemetry control, designed to give security professionals control of Honeywell ACUIX, HD6 or RapidDome cameras, Fusion III, HRXD and HRHD series DVRs and HXCT/HXMT Series multiplexers.

- Facilitates control of up to 128 domes
- Complete control of up to 32 HRXD or HRHD DVRs or HXCT/HXMT Multiplexers
- Support for up to three additional slave controllers per system
- PTZ joystick with integral zoom
- Color coded, backlit keypad and LCD display
- Setup and configuration via on-board LCD screen
- Simple installation with RJ type connectors

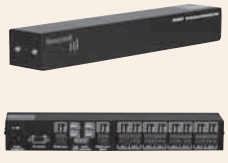
HEGS5000

Joystick Telemetry Controller

The HEGS5000 controller is designed to provide simple operation of the Honeywell ACUIX or HD6 series of PTZ domes using the Honeywell Diamond Protocol. All functions of the individual units are supported remotely and intelligently.

- Control of up to 256 ACUIX and HDG domes
- PTZ joystick with integral zoom
- LCD display with user programmable macros
- Separate logins for operator and supervisor access

ACCESSORIES



NTSC - HDCD8TP | PAL - HDCD8TPX

8-Way RS485/RS232 to RS485 Bi-Directional Distribution Box

The HDCD8TP code distributor is designed to provide user capability and control to receivers (e.g. PTZ receivers) in a video surveillance system. The input can either be RS485 or RS232 and each output is capable of transmitting control data to thirty-two RS485 units.

- Front panel LEDs indicate data transmitted to and from the receivers
- Daisy-chain multiple HDCD8TP units to provide additional outputs for each receiver
- Up to 4,000 feet maximum distance from the output to the last receiver
- Regenerated RS485 signals provide an additional 4,000 feet between controller and receiver

Mobile

Organizations around the world utilize video surveillance to protect commercial buildings, schools, prisons, retail stores, etc. But are they sure they're protecting everything – like the vehicles that transport people to and from these facilities?

At Honeywell, we offer a broad range of mobile video security products for just about every vehicle around. Honeywell's digital recording systems, cameras, including our state-of-the-art GPS solution are protecting people with security in motion.

Benefits:

- Durable products that stand up to the harsh realitiesof vehicle security–including temperature and vibration controls
- User-friendly mobile products that offer uncompromising video clarity in a 'set-and-forget' system
- Reliability from a proven partner of choice with a world class line of mobile and facility video surveillance products as well as access control and intrusion
- Peace of mind by providing increased safety for passengers and drivers

Mobile RECORDERS

RECORDERS

Honeywell offers a full range of analog and digital mobile video recorders. With digital video and data recorders, Honeywell's mobile solutions are making the gathering, analyzing and storing of video data an efficient process. And for customers seeking an analog solution, Honeywell's VCR is an economical choice that doesn't require compromising features, functionality, or durability.

HTR4 Series

Mobile Digital Data Recorder

The HTR4 Series mobile digital data video recorder offers superior picture quality and clear audio on four channels. By providing longer recording time with little or no maintenance in a single compact unit, the HTR4 Series offers the ease and convenience of a leading-edge digital video recorder. The HTR4 Series has an industrial grade digital recorder that features a built-in switcher housed in a tamper- and impact-resistant enclosure. The hard drive of the HTR4 is protected by Honeywell's exclusive patented shock and vibration reduction (SavR™) technology.

- 4 video and audio inputs
- Wireless LAN/WAN access
- Images record with vehicle ID, time and date, camera name and up to 6 status inputs
- Alarm mode starts recording rule based events
- Honeywell's patented Shock and Vibration Reduction (SaVR™) technology
- User-friendly software to search print, distribute and archive video and audio files
- Store from a single or a clip of audio and video to a PC-based hard drive or peripheral storage device
- Play video as a self-contained executable via PC
- GPS Receiver
- Remote dash panel with event button, remote recorder status
- Spot Monitor
- Intelligent temperature management
- Auxiliary power output
- Compatible Cameras:
  - HTC70 Series (page 137)
  - HTC30 Series (page 138)
  - HTC29 Series (page 139)

HTR4

Mobile Digital Data Recorder (No hard drive)

Honeywell Shock and Vibration Reduction (SaVR™) Technology

The hard drive is the most sensitive component in a mobile surveillance system, and is the most prone to intermittent malfunction or failure. Because it is sensitive to even small changes in environmental conditions, the hard drive requires special consideration to avoid lost portions of data, complete loss of all video or audio clips, or even permanent damage to the unit.

Honeywell responds to threats to electronic systems in harsh mobile environments through Honeywell's patented Shock and Vibration Reduction (SaVR™) technology. The hard drive SaVR (pronounced "saver") technology is employed in the HTR4, HTRD400 and HTRD100 Series of digital video recorders designed specifically for the mobile video surveillance market. In order to ensure reliable performance on these DVRs, we continue to engage in the rigorous research and testing that differentiates us from the competition.

Mobile | RECORDERS

HTR4 HARD DRIVES AND SOFTWARE

HTRHD750
750 GB Hard Drive Mobile Digital Data Recorder

HTRHD500
500 GB Hard Drive Mobile Digital Data Recorder

HTRHD250
250 GB Hard Drive Mobile Digital Data Recorder

HTRDPK
Administration Kit

Includes software and cable to connect PC to HTR4

HTRSWK
Software – Configuration and Viewing Software

- Quickly find, print, distribute and archive video and audio files

HTRD400 SERIES

The HTRD400 Series all-digital data recorder transfers data quickly and reliably, and uses four video and audio inputs to collect more detailed information. It stores superior picture quality, clear audio and longer recording times on a high capacity hard drive protected by our patented SaVR™ technology. The HTRD400 Series utilizes all-digital progressive scan cameras and has power over Ethernet with a single cable for power and signal to simplify camera installation.

Mobile Digital Data Recorder

- 4 video and audio inputs
- Wireless LAN/WAN access
- Images record with vehicle ID, time and date, camera name and up to 8 status inputs
- Alarm mode starts recording rule based events
- Honeywell's patented Shock and Vibration Reduction (SaVR) technology
- User-friendly software to search print, distribute and archive video and audio files
- Store from a single or a clip of audio and video to a PC-based hard drive or peripheral storage device
- Play video as a self-contained executable via PC
- Total digital system–no degradation due to analog to digital or digital to analog conversions
- Compatible Cameras:
  - HTCD50/52 Series (page 136)

HTRD480
80 GB Hard Drive Mobile Digital Data Recorder

Mobile RECORDERS

HTRD460
60 GB Hard Drive Mobile Digital Data Recorder

HTRD440
40 GB Hard Drive Mobile Digital Data Recorder

HTRD4SWK
BusView Software – Configuration and Viewing Software

- Quickly find, print, distribute and archive video and audio files

HTRD100 SERIES

- Activates with ignition/option for post recording (up to several hours) even after the ignition has been turned off
- Compatible Cameras:
  - HTC70 (page 137)
  - HTC29 (page 139)

Mobile Digital Video Recorder

Honeywell's HTRD100 Series offers an easy way to upgrade from analog to digital. With the ease and convenience of a VCR, the HTRD100 Series is an industrial-grade digital recorder that features a built-in switcher that is housed in a tamper and impact resistant enclosure. This is the preferred base for an effective video system.

- Removable hard drive
- 5 status inputs with on-screen display including a built-in second camera switch
- Honeywell's patented Shock and Vibration Reduction (SaVR) technology
- Video includes record of vehicle speed
- Analog and digital playback
- No computer needed for set-up – similar to VCR-like functionality

HTRD100
Mobile Digital Video Recorder (No Hard Drive)

HTRD100 HARD DRIVES

HTRD1HD80
80 GB Hard Drive for Mobile Digital Video Recorder

HTRD1HD60
60 GB Hard Drive for Mobile Digital Video Recorder

HTRD1HD40
40 GB Hard Drive for Mobile Digital Video Recorder

Mobile | RECORDERS

HTR1 SERIES

Mobile VCR Video Recorder (NTSC ONLY)

The HTR1 is an excellent introductory product for companies new to the mobile video surveillance market. With its easy-to-use interface and simple installation process, the HTR1 can be fully operational within a short period of time. Additionally, the HTR1 offers versatility–enabling two cameras to be utilized with an industrial-grade VCR that is housed in a tamper resistant enclosure.

- 2 channels video and audio
- 5 status inputs (e.g. brakes, stop lights, turn signals and stop arm)
- Flexible mounting, vertical or horizontal
- Improved vibration resistance
- Front mounted video and audio output jacks
- Easy programming with remote control included — no switches to set, no removing from platform
- Option to stop recording at the end of tape or rewind to the beginning and continue
- Activates with ignition
- Compatible Cameras: - HTC70 Series (page 137)
  - HTC29 Series (page 139)

HTR1

Mobile VCR Video Recorder

FAREVIEW® SERIES

Mobile Surveillance System

Honeywell's FareView Series system is the most advanced digital mobile surveillance system for the taxi industry. Its compact, discreet camera records still images of events or passengers. The images are time and date stamped along with the Vehicle Identification Number and stored securely in the recorder unit, which is installed elsewhere in the vehicle.

- Captures images in complete darkness – built-in infrared illuminators
- 2 camera inputs
- Secure time and date stamp, including vehicle identification and "Chain of Evidence" electronic watermark and recorder unit identification
- Removable image storage for backup, archiving or upgrading
- Driver activated recording without external power
- Camera aiming cross-hairs
- Multiple image printing
- Power-save mode to minimize battery drain

FV-M128

- 128 MB Flash
- 4 IR LEDs
- EIA camera
- Wiring harnesses and brackets
- 3.7 mm lens

Mobile | CAMERAS

CAMERAS

Honeywell offers a full range of analog and digital mobile cameras.
A high impact, tamper resistant digital camera, Honeywell's HTCD50/52 digital camera offers higher quality images than traditional analog cameras. And our analog Day/Night camera, HTC70 Series, is useful in all light conditions. We also offer an analog dome camera, the HTC29 angle dome that's flexible enough for use in a wide variety of locations.

HTCD50/52 Series

Mobile Digital Camera

The HTCD50/52 Series digital camera offers a high-impact, tamper resistant digital solution with higher quality images than traditional analog cameras. The HTCD50/52 Series is compatible with the HTRD400 Series of digital recorders

- Easy to install — designed to be mounted on a bulkhead, wall or ceiling
- User selectable compression, resolution and frame rates
- Concealed wiring
- No assembly required and pre-programmed focus
- Variety of configurations including B/W or color, audio/no audio, lens sizes
- Compatible with HTRD400 Series Digital Recorders only (page 133)

HTCD52MC080
Mobile Digital Camera, Color, 8 mm Lens, Audio, Dual Window

HTCD52MC060
Mobile Digital Camera, Color, 6 mm Lens, Audio, Dual Window

HTCD52MC036
Mobile Digital Camera, Color, 3.6 mm Lens, Audio, Dual Window

HTCD50MC080
Mobile Digital Camera, Color, 8 mm Lens, Audio

Mobile | CAMERAS

HTCD50MC060
Mobile Digital Camera, Color, 6 mm Lens, Audio

HTCD50MC036
Mobile Digital Camera, Color, 3.6 mm Lens, Audio

HTCD52MB060
Mobile Digital Camera, Black and White, 6 mm Lens, Audio, Dual Window

HTCD50MB080
Mobile Digital Camera, Black and White, 8 mm Lens, Audio

HTCD50MB060
Mobile Digital Camera, Black and White, 6 mm Lens, Audio

HTC70 SERIES

Mobile Camera

Honeywell's HTC70 Series offers an analog Day/Night camera that is useful in all light conditions encountered in vehicles. The HTC70 Series is capable of providing the necessary images for both analog and digital systems. This camera is compact in design, which allows for easy mobility and placement in and around the vehicle.

- Day/Night camera captures images in all lighting conditions – even in complete darkness
- Optimized audio bandwidth
- Lightweight, compact design
- Easy to install – no assembly required and pre-wired and pre-focused
- 8 built-in infrared illuminators
- Swivel mount bracket for quick and easy pan/tilt camera adjustment
- Compact design mounts on any flat surface, including a ceiling or bulkhead
- Compatible with:
  - HTR4 Series, Mobile Digital Data Recorder
  - HTRD100 Series, Mobile Digital Video Recorder
  - HTR1, Mobile Video Recorder

HTC70M1080
Mobile Camera, Color, 8 mm Lens, Audio

HTC70M1060
Mobile Camera, Color, 6 mm Lens, Audio

HTC70M1036
Mobile Camera, Color, 3.6 mm Lens, Audio

Mobile CAMERAS

HTC30 SERIES

Angle Dome

Honeywell's new HTC30 Series are high resolution angle dome cameras with day night capability and IR assist illumination. The HTC30 Series has an integrated microphone with optimized audio bandwidth for mobile applications. The camera is compact in design, which allows for easy mobility/placement in and around the vehicle. For companies seeking to explore the new digital video environment or migrating from analog to digital, the HTC30 Series provides a flexible option when using both VCR and digital recorder technology.

- Day/Night camera captures images in all lighting conditions – even complete darkness
- 8 built-in infrared illuminators
- Lightweight, compact design
- Easy to install – pre-wired and pre-focused
- Angle dome design for improved line of sight
- 3D gimbal for maximum lens rotation
- Compact design mounts on any flat surface, including a ceiling or bulkhead
- High impact, tamper resistant dome and housing
- Integrated microphone with optimized audio bandwidth
- Compatible with:
  - HTR4 Series, Mobile Digital Data Recorder
  - HTRD100 Series, Mobile Digital Video Recorder
  - HTR1, Mobile Video Recorder

HTC30M1080
Mobile Angle Dome Camera, High Resolution Color, 8 mm Lens, IR, Audio

HTC30M1060
Mobile Angle Dome Camera, High Resolution Color, 6 mm Lens, IR, Audio

HTC30M1036
Mobile Angle Dome Camera, High Resolution Color, 3.6 mm Lens, IR, Audio

Mobile | CAMERAS

HTC29 SERIES

Angle Dome

Honeywell's HTC29 Series angle dome camera offers a high impact dome and housing to reduce the risk of tampering. With audio and black and white or color capabilities, the HTC29 camera is compatible with both VCRs and mobile digital recorders. The HTC29 Series is flexible enough to be used in a wide variety of locations.

- Unobtrusive, small enclosure
- Easy to install
- 3-D gimbal for maximum lens rotation
- Compatible with:
  - HTR4 Series, Mobile Digital Data Recorder
  - HTRD100 Series, Mobile Digital Video Recorder
  - HTR1 Mobile Video Recorder
- Variety of configurations including B/W, color audio/no audio, lens sizes

HTC29MC6120
Angle Dome Camera, High Resolution Color, 12 mm Lens, Audio

HTC29MC6080
Angle Dome Camera, High Resolution Color, 8 mm Lens, Audio

HTC29MC6060
Angle Dome Camera, High Resolution Color, 6 mm Lens, Audio

HTC29MC6036
Angle Dome Camera, High Resolution Color, 3.6 mm Lens, Audio

HTC29MC1120
Angle Dome Camera, Standard Resolution Color, 12mm Lens, Audio

HTC29MC1036
Angle Dome Camera, Standard Resolution Color, 3.6 mm Lens, Audio

HTC29MC1029
Angle Dome Camera, Standard Resolution Color, 2.9 mm Lens, Audio

Mobile | CAMERAS

ACCESSORIES

GPS Receiver Series

Global Positioning System

The Honeywell Global Positioning System (GPS) is a world-wide radio navigation system formed from a constellation of 24 satellites and their ground stations. The HTGPS Receiver Series provides position, speed and direction information that can be tied to video surveillance data.

HTRD4GPS
GPS Receiver Compatible with HTRD400 Series, Mobile Digital Data Recorder

HTRD1GPS
GPS Receiver Compatible with HTRD100 Series, Mobile Digital Video Recorder

HTRGPS
GPS Receiver Compatible with HTR62, Mobile VCR Video Recorder

HTRD400 KITS

HTRD400 Kits

The HTRD400 Kits provide a complete solution for all your mobile needs. Kits include:

- HTRD480 Recorder with Hard Drive
- HTCD52/HTCD50 Camera
- HTCBLCAT5E20 Cat5 Camera Cable, 20 feet
- HTRD4RFK Hardware to Fit Recorder Inside Security Enclosure
- HTRD4IF20 Vehicle Interface Cable, 20 feet
- HTENCL Security Enclosure

HTS4084

- **HTRD480 Recorder Hard Drive 80 GB**
- **HTCD52MC080 Color Camera, 8 mm Lens, Audio, Dual Window**

Mobile | ACCESSORIES AND KITS

HTS4083
- HTRD480 Recorder Hard Drive 80 GB
- HTCD50MC080 Color Camera, 8 mm Lens, Audio

HTS4064
- HTRD460 Recorder Hard Drive 60 GB
- HTCD50MC080 Color Camera, 8 mm Lens, Audio

HTS4045
- HTRD440 Recorder Hard Drive 40 GB
- HTCD50MC080 Color Camera, 8 mm Lens, Audio

HTS4043
- HTRD440 Recorder Hard Drive 40 GB
- HTCD50MB080 Black and White Camera, 8 mm Lens, Audio

HTRD100 Kits

HTRD100 Kits
The HTRD100 Kits provide a complete solution for all your mobile needs. Kits include:
- HTRD100 Recorder
- HTRD Hard Drive
- HTC70/HTC29 Camera
- HTC70SBADIK Camera and Vehicle Interface Cable, 20 feet
- HTRD1RFK Hardware to Fit Recorder Inside Security Enclosure
- HTENCL Security Enclosure

HTS1082
- HTRD1HD80 Hard Drive 80 GB
- HTC70M1080 Day/Night IR Camera, 8 mm Lens, Audio

HTS1066
- HTRD1HD60 Hard Drive 60 GB
- HTC70M1080 Day/Night IR Camera, 8 mm Lens, Audio

HTS1065
- HTRD1HD60 Hard Drive 60 GB
- HTC70M1036 Day/Night IR Camera, 3.6 mm Lens, Audio

HTS1062
- HTRD1HD60 Hard Drive 60 GB
- HTC29TC1080 Color Camera, 8 mm Lens, No Audio

HTS1046
- HTRD1HD40 Hard Drive 40 GB
- HTC70M1080 Day/Night IR Camera, 8 mm Lens, Audio

HTS1045
- HTRD1HD40 Hard Drive 40 GB
- HTC70M1036 Day/Night IR Camera, 3.6 mm Lens, Audio

HTS1042
- HTRD1HD40 Hard Drive 40 GB
- HTC29TC1080 Color Camera, 8 mm Lens, No Audio

Additional models are available depending on your exact requirements. For ordering information, visit www.honeywellvideo.com or contact Sales Manager

Mobile | ACCESSORIES AND KITS

HTR62 KITS

HTR62 Kits

The HTR62 Kits provide a complete solution for all your mobile needs.
Kits include:

- HTR62 VCR
- HTC70/HTC29 Camera
- HTC70SBADIK Camera and Vehicle Interface Cable 20 feet
- HTENCL Security Enclosure

HTS6006
- **HTC70M1080 Day/Night IR Camera, 8 mm Lens, Audio**

HTS6005
- **HTC70M1060 Day/Night IR Camera, 6 mm Lens, Audio**

HTS6004
- **HTC70M1036 Day/Night IR Camera, 3.6 mm Lens, Audio**

HTS6003
- **HTC29TC1080 Color Camera, 8 mm Lens, No Audio**

CABLING AND ACCESSORIES

HTC70SBADIK
HTC70 Install Cabling Kit - Install kit for M70 Cameras & VCR or Mobile Digital Recorder. Includes all brackets and 20 foot cables

HTC29SBADIK
HTC29 Install Cabling Kit - Install kit for D29 Cameras & VCR or Mobile Digital Recorder. Includes all brackets and 20 foot cables

HTRD4DPK
HTRD400 Administration kit – Software and cable to connect PC to HTRD400 Recorder.

HTRD1RFK
Retrofit kit to install HTRD100 Recorder in HTENCL security enclosure

HTRD1APK
HTRD100 Player kit to allow desktop review with AC adapter power supply

HTRD1DPK
HTRD100 Administration kit - Software and cable to connect PC to HTRD100 Recorder

Intelligent Analytics Solutions

Today's security market demands highly sophisticated technologies, and Honeywell's innovative analytics solutions deliver the required functionality to solve customer problems.

Honeywell's intelligent video analytics automatically detects, classifies, and tracks multiple incidents in real time and uses advanced algorithms to analyze video images of objects or behaviors of interest. And, Honeywell's intelligent data analytics combines video with business operations applications such as point of sale or teller applications to report trends and exceptions. Honeywell's analytic capabilities increase security, reduce shrinkage, enhance customer service and increase operational efficiencies.

THIS SECTION INCLUDES:

VIDEO ANALYTICS

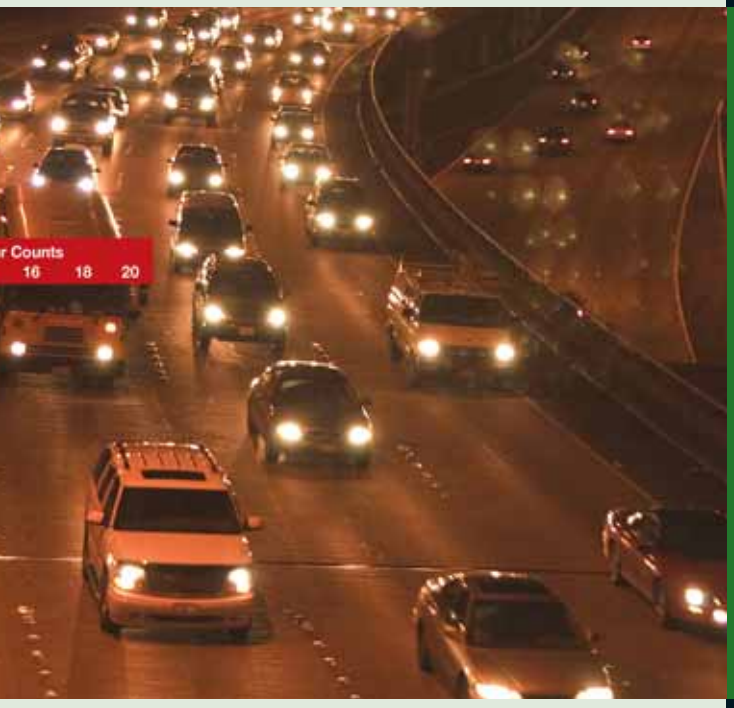
- Active Alert®
- Smart Impressions®
- People Counter

DATA ANALYTICS

- Integrated Data Manager (IDM)
- ATM Protocol Translators
- Register Interfaces
- Text Inserts
- Text Inserts with Interface
- Protocol Interface Translators

Intelligent Analytics Solutions

INTELLIGENT VIDEO ANALYTICS



Honeywell's state of the art intelligent video analytics sets a new industry standard for accuracy and effectiveness. Unlike conventional motion detection, our solutions eliminate false alarms by recognizing and classifying user defined events and behaviors.

This unique, patented software automatically:

- Distinguishes between humans, vehicles and environmental backgrounds
- Tracks up to 20 targets in each camera view
- Reports more than 50 actionable events and behaviors
- Delivers real time alarms: local voice/visual notification, relay closure for integration with alarm panels, e-mail, cell-phone text messages, and new Remote Network Client
- Offers data mining capabilities to enable end users to spot trends and modify operations to maximize security

Benefits:

- Increases productivity—by alerting only suspicious behavior, a single operator is able to monitor a larger area
- Improves security—missed detections are significantly reduced by automating the continuous surveillance process
- Controls costs—only activities of interest are alerted; virtually eliminating false alarms
- Improves efficiency—comprehensive and powerful search tools enable easy and rapid incident retrieval in seconds or minutes

Intelligent Analytics Solutions | ACTIVE ALERT

ACTIVE ALERT

Honeywell's Active Alert® analyzes the behavior of individuals and vehicles to provide real-time alarms and search tools that enhance manned and unmanned video surveillance systems. Our unique solution automatically detects, analyzes and classifies the behaviors of people and vehicles as they move through a scene. It significantly reduces false alarms by suppressing environmental triggers such as rain, snow, shadows, reflections, flying birds, and waving trees. It also provides instantaneous histories of scene activity against user-selected parameters to enable fast interactive searches on site and/or remotely.

- Enables user-defined event and alarm settings for each camera view
- Remote Network Client allows full distributed system access regardless of location
- Powerful search tools offer an instantaneous method of searching and locating incident video captured by digital video recorders and network video recorders. By combining user-friendly smart indexing with interactive retrieval tools, Active Alert enables rapid search, review and filtering of selected video incidents
- Flexible query system allows the user to specify a combination of alarm or event types, object types or cameras, within any target time range

Active Alert® Base

Identifies and classifies the most common user defined events and behaviors, and provides basic perimeter intrusion detection.

Active Alert® Standard

All the benefits of Active Alert Base, plus tracking of up to 20 objects in a scene and automatically alarming on more than 35 different events, incidents and behaviors.

Active Alert® Premium

All the benefits of Active Alert Standard, plus additional analytics for high risk facilities and locations such as abandoned object, removed object and possible theft functionality.

For ordering information contact your sales manager.

Sample Applications:

Perimeter Protection

Restricted Area

Loitering

Abandoned Object

Intelligent Analytics Solutions

SMART IMPRESSIONS

SMART IMPRESSIONS

Honeywell's Smart Impressions® provides highly accurate entry/exit counts for people and vehicles by entry point, area, building, and facility. It also lets you define camera groupings and schedule statistical analysis to create summary reports—by area, floor, or across buildings. This unique solution helps you analyze customer preferences and behavior patterns at key locations in a store and illustrates trends of traffic flow throughout a period of time—a day, week, month, or even season. A store manager can access full records on point-of-sale preferences and measure merchandising effectiveness and maximize utilization to optimize store layout. Honeywell's Smart Impressions makes traffic management proactive and more effective by estimating traffic volume per lane, analyzing smoothness in traffic and delivering real-time traffic data on vehicles accessing particular roadways or checkpoints.

- Real-time reporting on marketing effectiveness
- Automatic video annotation enables fast and user-friendly access to stored data
- Smart indexing, combined with interactive retrieval tools, decreases the time it takes to find relevant data
- Customizable triggers enable easy selection and data mining of critical information

High accuracy two-way entry /exit counts at key points

Tracking customer behavior

Car counting

Smart Impressions®

Analyzes the daily operations of retail, traffic and facilities management to increase your bottom line Honeywell's Smart Impressions lets you optimize daily operations by analyzing individual customer and vehicular activity and traffic patterns. Smart Impressions provides crucial information that helps you make the best use of your resoaurces to increase sales.

- Instant photo summaries of shopping and traffic patterns
- Immediate awareness of trends
- Flexible reporting format for easy visualization and import to other documents

People Counter

Powerful traffic flow measurement with real-time or periodic reporting

For ordering information contact your sales manager.

Intelligent Analytics Solutions

INTEGRATED DATA MANAGER

Honeywell's Integrated Data Manager (IDM) is a next generation transaction monitoring software that enables complete integration of transaction data with the corresponding video from multiple sites via LAN/WAN or DSL. IDM allows instant access to critical information, enabling key personnel to make timely decisions and proactively prevent internal shrinkage while enhancing customer service and increasing employee productivity. IDM is a true enterprise solution allowing transaction monitoring for large-scale applications with hundreds of point-of-sale (POS), ATM, or other data devices across multiple locations or small-scale, single applications.

Integrated Data Manager – Enterprise Edition

IDM Enterprise Edition (IDM EE) is designed for medium to large scale retail, food and beverage, casino and banking operations with multiple servers. IDM EE enables loss prevention personnel to view and analyze important activities by synchronizing digital video with corresponding transaction data.

- Support for unlimited sites
- Seamless integration between POS/ATM data and surveillance video from multiple locations
- Automatic exception reports generated and e-mailed to select personnel
- Universal user interface – local and remote
- Compatibility with Honeywell NVRs, DVRs: Enterprise, Fusion and Rapid Eye™ Multi-Media
- Backward compatibility with Honeywell and TVS cash register interfaces

Integrated Data Manager – Professional Edition

IDM Professional Edition (IDM ProE) is well-suited for small to mid-sized retail, banking, food and beverage and casino applications that do not require multiple server data analysis. With many of the same features as IDM EE, users can set up automatic reporting on their transaction exceptions, allowing managers and operators to pinpoint errors and misconduct that generally goes unnoticed.

- Seamless integration between POS/ATM data and surveillance video
- Automatic exception reports generated and e-mailed to select personnel
- Universal user interface – local and remote
- Compatibility with Honeywell DVRs: Fusion and Rapid Eye™ Multi-Media
- Backward compatibility with Honeywell and TVS cash register interfaces

Intelligent Analytics Solutions

INTEGRATED DATA MANAGER

IDM ENTERPRISE EDITION (IDM EE)

HESRVRE2-IDM
Server and pre-loaded IDM EE with 4 terminal licenses
HESRVRE2 server with IDM EE software factory installed and license to support up to 4 POS terminals. Order HAIDMETADDSW for additional terminal licenses.

HAIDMEFPKG
Factory Installed IDM EE with 4 terminal licenses
Factory installed IDM EE on Fusion DVR and licenses to support up to 4 POS terminals. Fusion DVR ordered separately. Order HAIDMETADDSW for additional terminal licenses.

HAIDTADDSW
Factory Installed Additional IDM EE Terminal Licenses

HAIDMEPKNI
Field Installed IDM EE
IDM EE software with license for a single server and up to 4 POS terminals.
Order HAIDMETADDNI for additional terminal licenses.

HAIDMETADDNI
Field Installed Additional IDM EE Terminal Licenses

HAIDME1YSP
IDM EE software support for 1 year, per terminal

IDM PROFESSIONAL EDITION (IDM ProE)

HAIDMPFKG
Factory installed IDM ProE
Factory installed IDM ProE on Fusion DVR and license for 1 POS terminal.
Fusion DVR ordered separately. Order HAIDMPTADDSW for additional terminal licenses

HAIDMPTADDSW
Factory Installed Additional IDM ProE Terminal Licenses

HAIDMPPKNI
Field Installed IDM ProE
IDM ProE software with license for a single server and 1 POS terminal.
Order HAIDMPTADDNI for additional terminal licenses.

HAIDMPTADDNI
Field Installed Additional IDM ProE Terminal Licenses

HAIDMP1YSP
IDM ProE software support for 1 year, per POS terminal

Intelligent Analytics Solutions

ATM PROTOCOL TRANSLATORS

Automated Teller Machine (ATM) protocol translators capture ATM transaction information and combine it with video in real time, providing financial institutions ultimate protection against credit card fraud, phantom withdrawal claims and disputed transactions. Honeywell's ATM protocol translators interface with industry leading serial and Ethernet-based ATMs.

HAMPT400 Series

Serial ATM Protocol Translators for HRDV and HRDVS

The HAMPT400 converts synchronous serial data to RS232 serial.

- Flexible ATM formatting
- Support for up to 4 ATMs
- 5 VDC input
- DB25 serial connectors

HAMPT400

Serial ATM Protocol Translator for HRDV and HRDVS DVRs

HAMPT400S

Serial ATM Protocol Translator for HRDVS DVRs Only

HAMPT400N Series

TCP/IP Network ATM Protocol Translator for HRDV and HRDVS DVRs

The HAMPT400N converts ATM protocols on a TCP/IP network to RS232 serial.

- Programmable user interface
- Support for up to 4 ATMs
- 9-30 VDC input
- DB25 serial and RJ-45 (10-base T) connectors

HAMPT400N

TCP/IP Network ATM Protocol Translator for HRDV DVRs

HAMPT400NS

TCP/IP Network ATM Protocol Translator for HRDVS DVRs

HAT2101ATM

ATM Video Text Inserter

The HAT2101ATM Video Text Inserter captures ATM transaction information and combines it with the video imagery in real time to protect against credit/bank card fraud, false claims and disputed transactions.

- Single video channel
- Automatic ATM protocol determination
- Automatic address determination
- On-screen menus
- DB25 connectors
- 1 normally open alarm contact
- 12 VDC Input
- Supports ATMs on dial-up connection

Intelligent Analytics Solutions

REGISTER INTERFACES/
TEXT INSERTERS

REGISTER INTERFACES

A register interface converts data from a specific cash register or POS system to HAT2100 protocol. Register interfaces are factory-programmed for most leading electronic cash registers and PC-based POS systems to provide businesses with a complete picture of cashier activity.

HATI1030A Series

The HATI1030A Series of single register interfaces are compatible with leading cash register and POS systems. Comprising of uni-directional serial, bi-directional serial and parallel interfaces, the HATI1030A Series converts and relays POS data to HAT2100 series text inserters.

- Use with HAT2100 Series text inserters
- Includes AC/DC power adaptor
- Requires register interface cable ordered separately.

HATI1030A
Uni-directional Serial Interface

HATI1030AP
Parallel Interface

HATI1030AS
Bi-directional Serial Interface

TEXT INSERTERS

Text inserters superimpose transaction data received from multiple register interfaces onto corresponding video from DVRs or VCRs. This provides businesses with a complete picture of cashier activity to minimize shrinkage and increase profitability.

HAT2100 Series

The HAT2100 Series is designed to communicate with 4 to 10 HATI1030A register interfaces by superimposing transaction information onto corresponding video of cashier activity on a one register per channel basis.

- Flags up to 20 transaction types per alarm
- Configurable alarm outputs
- Multiple character sizes and placements on video
- 12 VDC input

HAT2104
Text Inserter, up to 4 Registers; for use with HATI1030A Register Interfaces

HAT2106
Text Inserter, up to 6 Registers; for use with HATI1030A Register Interfaces

HAT2110
Text Inserter, up to 10 Registers; for use with HATI1030A Register Interfaces

Intelligent Analytics Solutions

TEXT INSERTERS WITH INTERFACE

Honeywell's single register text inserter with built-in interface converts transaction data from a specific cash register or point-of-sale system and overlays it on video to give a complete picture of cashier activity. This helps small business owners control employee theft and enhance productivity.

HAT2066 Series

Single Register Text Inserter with Built-in Register Interface

The HAT2066 Series of single register text inserters with built-in register interface converts transaction data from a specific cash register or POS system and superimposes it on video to provide indisputable evidence of transaction activity. Each HAT2066 requires a register interface cable, ordered separately.

HAT2066S

Single Register Text Inserter with Built-in Serial Interface

HAT2066D

Single Register Text Inserter with Built-in Dot Matrix Interface

HAT21TI1030A

Single Register Text Inserter with HATI1030A Interface

The HAT21TI1030A is a consist-of-kit with a HAT2110 text inserter and HATI1030A text interface.

While the HATI1030A interface converts transaction data for a specific register or POS system, the HAT2101 superimposes data onto video. The HAT21TI1030A is a single register solution with serial or parallel interface. Requires register interface cable ordered separately.

Register Connector Cables

Used with HATI1030A and HAT2066 interfaces, these cables are customized for specific cash register/PC-based point-of-sale systems to allow smooth installation of hardware. Please specify register make and model when placing orders.

For a complete list of register connector cables, visit www.honeywellvideo.com

Intelligent Analytics Solutions

PROTOCOL INTERFACE TRANSLATORS

Honeywell's protocol interface translators offer a truly integrated video and data capture system by transporting data captured from a point-of-sale device to a recording system for viewing, recording, and searching.

AVBPITPOS Series

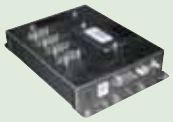
Protocol Interface Translators with POS Filtering

Honeywell's AVBPITPOS Series of Protocol Interface Translators allow single and multiple POS device integration with Rapid Eye™ through a single data communication port on the Rapid Eye™ remote unit.

HVBPIT4POS

Single Port PIT

The HVBPITPOS provides filtering and formating for a single POS device with a Rapid Eye™ remote unit.



AVBPIT4POS

4 Port Module

The AVBPIT4POS provides filtering and formating for up to 4 of the same type POS devices and combines them into a single serial interface for connection to a Rapid Eye™ remote unit.

For a complete list of supported devices for the AVBPITPOS Series, visit www.honeywellvideo.com

Additional Information | GLOSSARY OF TERMS

GLOSSARY OF TERMS

Activity Detection: A feature used in multiplexers and DVRs that uses video motion detection techniques to improve the camera update times. It can also give a relay closure.

Angle of View: The angular range that can be focused within the image size. Small focal lengths give a wide angle of view, and large focal lengths give a narrow field of view.

Aperature: The opening of a lens which controls the amount of light reaching the surface of the pickup device. The size of the aperture is controlled by the iris adjustment. By increasing the F stop number (F1.4, F1.8, F2.8, etc.) less light is permitted to pass to the pickup device.

Alarming: The ability of CCTV equipment to respond to an input signal, normally a simple contact closure. The response varies depending on equipment type.

Aspect Ratio: The ratio of the picture frame width to the picture frame height in standard TV systems. It is 4 units horizontal over 3 units vertical.

Aspherical Lens: A lens designed with a nonspherical shape so that it refracts the light passing through it to either lower the lens aperture so that it passes more light or decrease barrel distortion on wide angle lenses.

Automatic Frequency Control (AFC): An electronic circuit used whereby the frequency of an oscillator is automatically maintained within specified limits.

Automatic Gain Control (AGC): An electronic circuit used by which the gain of a signal is automatically adjusted as a function of its input or other specified parameter.

Automatic Iris Lens (AI): A lens in which the aperture automatically opens or closes to maintain proper light levels on the faceplate of the camera pickup device.

Automatic Level Control (A.L.C.): A feature on some Auto Iris lenses (also known as the peak/average control). Adjusting this control allows the Auto Iris circuitry to either take bright spots more into consideration (peak), bringing out detail in bright areas, or less into consideration (average) bringing out detail in shadows.

Auto-terminating: A feature where the equipment (i.e. monitor) automatically selects the correct termination depending on whether the video output BNC is connected.

Auto White Balance: A feature on color cameras that constantly monitors the light and adjusts its color to maintain white areas.

Attenuation: A decrease or loss in a signal.

Back Focal Distance: The distance from the rear most portion of the lens to the image plane.

Black Level: The level of the video signal that corresponds to the maximum limits of the black areas of the picture.

Backlight Compensation (BLC): A feature on cameras which electronically compensates for high background lighting to give detail which would normally be silhouetted.

Blooming: The halation and defocusing effect that occurs around the bright areas of the picture (highlight) whenever there is an increase in the brightness intensity.

Bridging: A term indicating that a high impedance video line is paralleled, usually through a switch, to a source of video.

C Mount/CS Mount: CCTV lenses are available in two different lens mounts. C-mount lenses have a flange back distance of 17.5mm vs. 12.5mm forCS-mount lenses. Many of today's cameras can accept either type of lens, but it is important to make sure that camera and lens are compatible and set up properly.
C-mount lenses can be used on CS-mount cameras by utilizing a 5mm adapter (or on some cameras by adjusting the camera for C-mount lenses). Because of the shorter back focal distance, CS-mount lenses can only be used on CS-mount cameras.
Your picture will be out of focus if you use a CS-mount lens on a C-mount camera.

Conditional Refresh: A technique used in slow and fast scan transmission equipment, as well as DVRs where only small screen changes are transmitted.

Candlepower: The unit measure of an incident light.

CCTV: The common abbreviation for closed circuit television.

Coaxial Cable: A type of cable capable of passing a range of frequencies with low loss. It consists of a hollow metallic shield in which one or more center conductors are put in place and isolated from one another and from the shield.

Color Burst: The portion of a composite video signal that comprises a few cycles of a sine wave of chrominance subcarrier frequency used to establish a reference for demodulating the chrominance signal.

Composite Video: The combined video signal that includes the picture signal, the vertical and horizontal blanking and synchronizing pulses.

Crosstalk: An undesired signal that interferes with the desired signal.

Additional Information | GLOSSARY OF TERMS

Crosstalk: An undesired signal that interferes with the desired signal.

DB (Decibel): A measure of the power ratio of two signals. It is equal to ten times the logarithm of the ratio of the two signals.

DC type lens: An Auto Iris lens which receives voltage from the camera to adjust the iris.

Depth of Field: The front to back zone in a field of view which is in focus in the televised scene. With a greater depth of field, more of the scene, near to far, is in focus. Increasing the F-stop number increases the depth of field of the lens. Therefore, the lens aperture should be set at the highest F-stop number usable with the available lighting. The better the lighting, the greater the depth of field possible. In other words, the depth of field is the area in front of the camera which remains in focus. The larger the F-number the greater is the depth of field.

Digital: A signal that levels are represented by binary numbers.

Distribution Amplifier: A device that accepts a (video) signal and sends it out to a number of independent outputs.

Duplex (multiplexer): A multiplexer that allows the user to look at multi-screen images while performing time multiplex recording.

Dwell Time: The length of time a switcher holds on a camera before moving on to the next in sequence.

E.I. (Electronic Iris): Automatically changes a CCD camera's shutter to mimic Auto Iris control, allowing fixed or Manual Iris lenses to be used in a range of areas that used to require an Auto Iris lens.

E.I.A. (Electronic Industry Association): U.S. TV standard; 525 lines, 60 fields.

Electronic Shuttering: Electronic shuttering is the ability of the camera to compensate for moderate light changes in indoor applications without the use of auto iris lenses.

Equalization: The process of correcting losses of certain components in a signal.

F-Number: The F-number indicates the brightness of the image formed by the lens, controlled by the iris. A smaller F-number means a brighter image.

F-Stop: A term used to indicate the speed of a lens. The smaller the F-number, the greater is the amount of light passing through the lens.

Fiber Optics: Flexible glass fibers used to conduct energy. It is valuable in the coupling of multi-stage image intensifiers.

Field: One half of a frame, consisting of either the odd or the even numbered lines, 60 fields are transmitted every second.

Focal Length: The distance from the center of the lens to a plane at which point a sharp image of an object viewed at an infinite distance from the camera is produced. The focal length determines the size of the image and the angle of the field of view seen by the camera through the lens. That is the distance from the center of the lens to the pickup device.

Frame: The total area of the picture which is scanned while the picture signal is not blanked.

Front Porch: The portion of the composite video signal which lies between the leading edge of the horizontal blanking pulse and the leading edge of the corresponding synchronizing pulse.

Ghost: A shadowy or weak image in the received picture, offset either to the right or to the left of the primary image. It is the result of transmission conditions where secondary signals are created and received earlier or later than the primary signal.

Ground: An electrical connection point that is common to either a metal chassis, a terminal, or a ground bus.

Ground Loop: Caused by different earth potentials in a system. Affects video pictures in the form of a black shadow bar across the screen or as a tearing in the top corner of a picture.

Hi-Z (Unterminated): Video input of a piece of CCTV equipment, wired so as to allow the video signal to be fed to further equipment.

Horizontal Blanking: The blanking signal that is produced at the end of each scanning line.

Horizontal Resolution: The maximum number of individual picture elements that can be distinguished in a single scanning line.

Image Size: Reference to the size of an image formed by the lens onto the camera pickup device. The common standards are 1/3" and 1/4" measured diagonally.

Incident Light: The light that is falling directly over an object.

Insertion Loss: The signal strength loss that occurs when a piece of equipment is inserted into a line.

Interlace: A scanning process where every other horizontal line is scanned in one field while the alternate lines are scanned in the next field to produce a complete picture frame.

Interleaving: A method used in alarms or activity detection which allows extra frames of video from alarmed cameras to be added to a time multiplexed sequence while a state of alarm exists.

Lag: The image retention of an object after the object has been scanned. Sometimes, it causes smearing effect.

Level Control: Main iris control. Used to set the Auto Iris circuit to a video level desired by the user. After set-up, the circuit will adjust the iris to maintain this video level in changing lighting conditions. Turning the control toward High will open the iris, toward Low will close the iris.

Line Lock: To synchronize the field sync pulses of an AC powered camera to the frequency of the voltage input (line voltage).

Looping: A term indicating that a high impedance device has been permanently connected in a parallel to a video source.

Lux: A unit of measuring the intensity of light.

Additional Information | GLOSSARY OF TERMS

(1 FC–approximately 10 lux).

Manual Iris Lens: A lens with a manual adjustment to set the iris opening (F-Stop) in a fixed position. Generally used for fixed lighting applications.

Matrix Switcher: A switcher able to route any of its (camera) inputs to any or all of its (monitor) outputs, they often include telemetry control.

Mechanical Focus (back-focus): The mechanical aligning of the imaging device with the focal point of the lens; it is most important on zoom lenses to be sure the image stays in focus throughout the zoom range.

Minimum Object Distance (M.O.D.): The closest distance a given lens will be able to focus upon an object. This is measured from the vertex (front) of the lens to the object. Wide angle lenses generally have a smaller M.O.D. than large focal length lenses.

Modulate: To change or vary some parameter such as varying the amplitude of a signal for amplitude modulation or the frequency of a signal for frequency modulation. The circuit which modulates the signal is called a modulator.

Monochrome: Having only one color. In television it is black and white.

N/D (Neutral Density) Filter: A filter that attenuates light equally over the whole visible spectrum.

Noise: Random spurts of electrical energy or interference.

Passive: A nonpowered element of a system.

Peak-to-Peak: The amplitude difference between the most positive and the most negative excursions of a signal.

Power: The rate at which electrical energy is applied to or taken from a device. It is expressed in terms of watts or milliwatts.

Random Interlace: A scanning technique commonly used in CCTV systems in which there is no external control over the scanning process. That is, there is no fixed relationship between adjacent lines and successive fields.

Range Finder: Used to determine the focal length needed and what the picture will look like on the monitor. The user looks through the device and adjusts the range finder to the desired picture. Numbers on the outside of the range finder indicate the focal length needed.

Reflected Light: The scene brightness or the light being reflected from a scene. Usually it represents 5 to 95 percent of the incident light, and it is expressed in foot-lamberts.

Resolution: A measure of the ability of a camera or television system to reproduce detail. That is the number of picture elements that can be reproduced with good definition. It is a factor of the pickup device or the TV CRT characteristics and the video signal bandwidth.

Radio Frequency (R.F.): Signals with a repetition rate above audible range, but below the frequencies associated with heat and light.

Roll: A loss of vertical sync which causes the picture to move up or down on the TV screen.

RS232: A commonly used computer serial interface.

Saturation (color): The vividness of a color. It is directly related to the amplitude of the chrominance signal.

Sensitivity (pickup device): The amount of current developed per unit of incident light. It can be measured in watts with the projection of an unfiltered incandescent source of light at 2870K degrees to the pickup device surface area. It can be then expressed in footcandles.

Signal to Noise Ratio: The ratio between a useful video signal and unwanted noise.

Spot Filter: A small insert used in a lens to increase the F-stop range of the lens.

S/N (Signal to Noise) Ratio: Measure of noise levels of a video signal: the higher the number the better.

Super V.H.S.: A new format of high resolution VHS video recorders, capable of giving improved picture.

Sync: Electronic pulses that are inserted in the video signal for the purpose of assembling the picture information in the correct position.

Tearing: A picture condition in which horizontal lines are displaced in an irregular manner.

Termination: A non-inductive resistor that has the same resistance as the characteristic of the cable being used.

Time Base Corrector (T.B.C.): An electronic circuit that aligns unsynchronized video signals before signal processing. Used in multiplexers and quad splitters.

Vertical Interval: The time of vertical retrace.

Vertical Retrace: The return of the electron beam to the top of a television picture tube screen or a camera pickup device target at the completion of the field scan.

Video Motion Detection: A system that uses the video signal from a camera to determine if there is any movement in the picture and set off an alarm.

Video Type Lens: An Auto Iris lens without an internal circuit to control the iris. All iris control voltages come from a circuit located within the camera.

Zoom Lens: A lens system that may be effectively used as a wide angle, standard or telephoto lens by varying the focal length of the lens.

Zoom Ratio: The ratio of the starting focal length (wide position) to the ending focal length (telephoto position) of a zoom lens.
A lens with a 10x zoom ratio will magnify the image at the wide angle end by 10 times.